Ilion, New York
July 23, 1959

R. H. COLEMAN
BRIDGEPORT

MASTER PROJECT 81-00000
TD-59807 - ARMS QUALITY AND ENDURANCE TESTS

Amount Approved 1959 Budget	$ 9,400
Amount Requested Herein	4,000
Total	**$ 13,400**
The Model 722-725 New Calibers $7,000	$ 4,000

The Model 722-725 New Calibers $7,000
may be reduced to $3,000 for
the above funds. We now
anticipate TD-59798 -
Investigation of New Ammunition -
Gun Combination fund will be
adequate for these new calibers
this year.

    Several years ago a program of Research arms quality
and endurance testing was established. The principal objective
is to make periodic checks, especially of major current models,
and with test firings conducted under the same conditions as used
during the Research pilot production tests. The frequency of such
testing has been governed largely by production and sales conditions,
with more attention given to those models involving significant
customer complaints. From time to time characteristics were en-
countered that had not been revealed in the regular production plant
inspections and audits.

    More frequent and extensive tests have been made by
Research this year for the Model 740 as well as the new Model 878.
This additional work was in excess of our original budget estimate.
Scheduled Research audit tests have also been completed for the
Models 552, Sportsman-58, Nylon 66 and 40X. Quality and endurance
tests remaining to be completed this year include the Models 11-48
and 870 for functioning, and the Model 722 accuracy check for the

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222 and 244 Rem. Calibers. It is also proposed to continue
with the high spot Research tests for the new Model 878 in
conjunction with the design surveillance work until uniform
performance and customer acceptance has been established for
this model.

Your approval of this letter is requested as
authorization of these funds under the Ilion Research and
Development Budget.

G.H. Calhoun, Director
Research & Development

Approved _____ Date _____

JAR:SMA:T