

cc: D.E. Miller
 A.J. Seckner
 D.E. Geiss) In Turn
 R.W. Steele)
 C.A. Kochiss
 Ilion Change No. 7

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	
may be reduced to \$3,000 for		\$ 4,000

the above funds. We now
 anticipate RU 59758
 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 encountered 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 56 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.

RHC 7/28
Approved Date

GMC 7/27/59
G.M. Calhoun, Director
Research & Development

JAR:SMA:T