

REMINGTON ARMS COMPANY, INC.
Firearms Research Division
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Product Safety
Committee - 2*

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TO: R. E. NIGHTINGALE
FROM: E. W. YETTER, JR.
SUBJECT: MODEL 870 CT HIGH PRESSURE TESTS

Abstract:

The receiver cracking problem of the M/870 CT raised some concern about the safety of a cracked gun. High pressure handloads were shot in M/870's and M/870 CT's to determine if gun failure due to a high pressure round is more dangerous with a cracked receiver than with a gun in good condition.

Scope of Test:

To determine if a M/870 CT fails less safely than a standard M/870 or at a lower pressure.

Test Results:

In all testing, no difference was noted between a M/870 and a M/870 CT. Pressures needed to fail cases, wrinkle receivers, and burst receivers were virtually the same in both models.

Comments:

All pressures recorded in this report were calculated from barrel strain at the chamber.

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