EXHIBIT A

RD-49 REV. (-4

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE

c: J. P. Glas
 E. G. Larson
 E. F. Sienkiewicz

Remington

Bridgeport, Connecticut March 12, 1981

W. H. COLEMAN, II

BARREL DAMAGE EVALUATION WITH SHOTSHELL BODY CUTOFFS

As indicated on the attached test, Research has been unable to cause any gun damage by fitting a shell behind a body cutoff lodged in the bore. Testing was done with cutoff bodies in the choke, at the thinnest part of the barrel, and partially in the chamber.

Of added interest, of the approximately 700 induced body cutoffs in cur recent los comparison tests, all cleared the gun addept \$% which remained partially in the chamber. None lodged down barrel.

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It is not logical to assume a squib low pressure load would occur with a body cutoff due to the force required to tear the body apart. Therefore, it is not logical to assume more than a body will remain in a gun after a body cutoff. This suggests the body cutoffs are not really dangerous.

Rowever, no obstruction in the barrel is good. Therefore, while the hazard in this particular case is apparently negligible. Research is continuing at a high rate of effort to eliminate the potential problem.

R. B. Hartman, Manager Ammunition Research

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