

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE

Remington

PETERS

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Ilion, New York
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TO: W. E. LEEK

FROM: C. H. MORSE

COMPARATIVE OPERATING PRESSURE LEVELS IN BRASS CASES

Listed below are the SAAMI specs on standard loads and proof rounds with the pressure levels experienced that will produce some type of case failure, blanking of extractor slots or leaking of primer pockets. These values will vary according to the gun condition, brass hardness and case dimensions (wall thickness).

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	<u>Long Rifle</u>	<u>Win. Mag.</u>	<u>5mm</u>	<u>30-06</u>
Operational (Mean)	24,000	24,000	32,000	50,000
Proof (Max. Avg.)	33,000	33,000	42,000	71,000
Case Failure	38,000	42,000	56,000	75,000

CHM:T

Ilion Research Division

EXHIBIT 5