REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE

Remington DUPONT PETERS DUPONT

xc: J. W. Brooks (2)

"CONFINE YOUR LETTER TO ONE SUBJECT ONLY"

Ilion, New York
May 7, 1979

TO: A. A. HUGICK A.A.H. 5-7-79

FROM: R. E. NIGHTINGALE

SPEED LOCK STRIKER SPRING / STD 700 STRIKER SPRING

OBJECTIVE:

Determine if the speed lock striker spring has any major advantage above the present M/700 striker spring.

CONCLUSION:

There is no advantage in using the speed lock striker spring over the M/700 striker spring.

PROCEDURE:

A standard M/700 short action striker spring and the speed lock striker spring were assembled to new striker assembly out on production.

The striker assembly's were used in a bolt and action with the following results:

	M/700 Std. Striker Spring	Speed Lock Striker Spring
Trigger Pull	3.1 pounds	3.5 pounds
Firing Pin Indent	.0179 inch	.0221 inch
Pounds Load Cocked	23 pounds	33 pounds
Pounds Load Fired	20 pounds	26 pounds
Pounds Load Cocking Striker	8 pounds	10.5 pounds
Lock Time	3.74 Milliseconds	3.82 Milliseconds

PROCEDURE: (Cont'd)

	M/700 Std. Striker Spring	Speed Lock Striker Spring
Free Length	5.163 Inch	5.175 inch
O. D.	.399 inch	.398 Inch
Wire Dia.	.055 Inch	.057 Inch
Number of Coils	36	32

RENightingale:bd
Measurement/Test Lab
Ilion Research Division

Attached

3.8	3.8
3.8	3.9
3.6	3.8
3.8	3.8
3.8	3.8
1838	191
37.4	38.2

LOCK TIME.