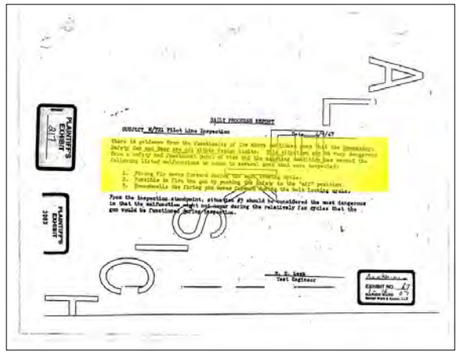
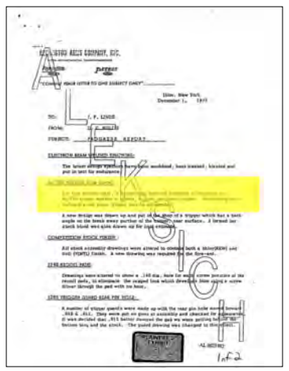
M700 CHRONOLOGY



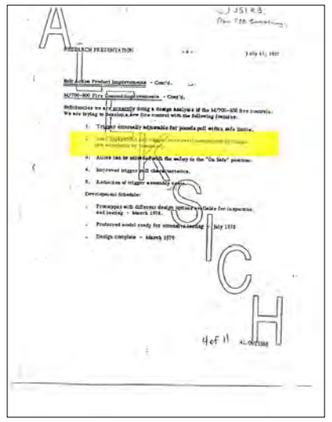
Apr 9, 1947

Daily Progress Report - M721; "very dangerous" malfunctions; "Firing pin moves forward during the bolt locking cycle" Pl.E 217



1962

Model 700 introduced



Dec 1, 1975

Remington tests a one-piece trigger. "{m}ay be acceptable." Pl.E 231

Jul 11, 1977

Remington begins discussion of redesigned fire control of M700 for completion by March, 1979 with the following feature, "Sear engagement and trigger overtravel determined by design (not adjustable by customer)." Pl. Exhibit 2414

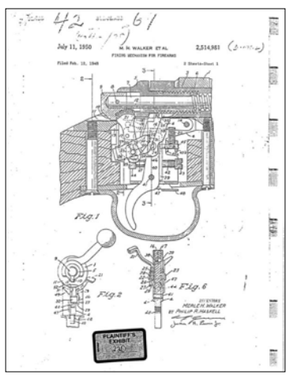
Jun 20, 1979

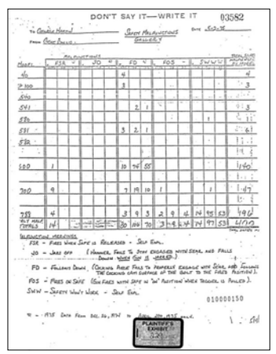
Remington notifies gunsmiths not to repair rifles that "fire on closing"; return such rifles to Remington. Pl. Exhibit 243

Jan 1947 | Jul 1947 | Jan 1948 | Jul 1948 | Jan 1949 | Jul 1949 | Jan 1950 | Jan 1962 | Jan 1975 | Jul 1975 | Jan 1976 | Jul 1976 | Jan 1977 | Jul 1977 | Jan 1978 | Jul 1978 | Jan 1979

Jul 11, 1950

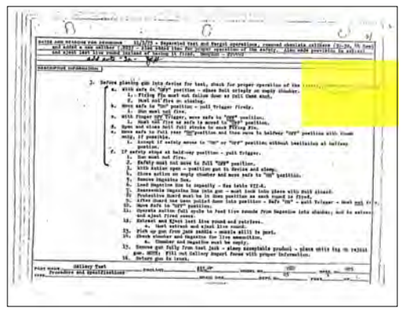
U.S. Patent #2,514,981 issued for Walker/Haskell fire control; application 2/12/48 Pl. E 220





May 2, 1975

Gallery Results - "Safety Malfunctions"; 36 reports of "follow down" in 1973,1974 and 1975 (to date) Pl.E 229

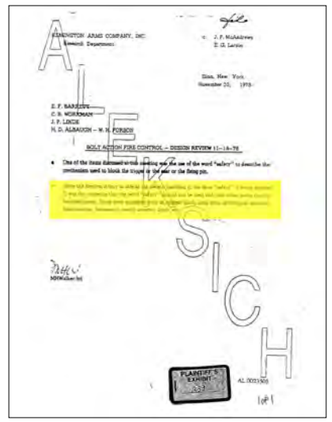


May 10, 1977

Process Record Change Authorization - Change Number of times functional check for safety operation is performed from 1 to 3 times; "close bolt crisply on empty chamber... Must not fire on closing" Pl.E 234

Nov 20, 1978

Remington considers not calling the safety a "safety" so as not to give a false impression; alternative names considered? "interrupter snubber". Pl Exh 239



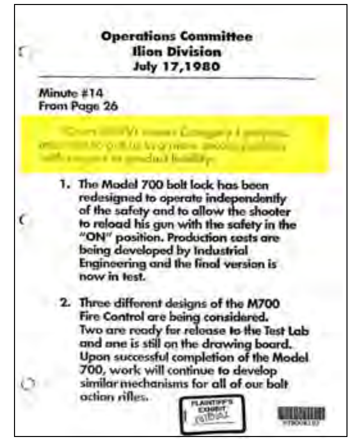
M700 CHRONOLOGY

Mar 5, 1980

For use in "developing a better bolt action fire control", Remington analyzes 133 safety-related complaints by customers, including instances of "follow do wn", "bolt closes hard and discharges", "fires on bolt closing when unloading ", "rifle discharged when bolt handle raised" and "fires on closing." Pl Exhibit 245

Jul 17, 1980

Remington is working on three new designs of M700 fire control to put Remington "in a more secure position with respect to product liability." Pl. Exhibit 248



Operations Committee
Ilion Division
July 17, 1980

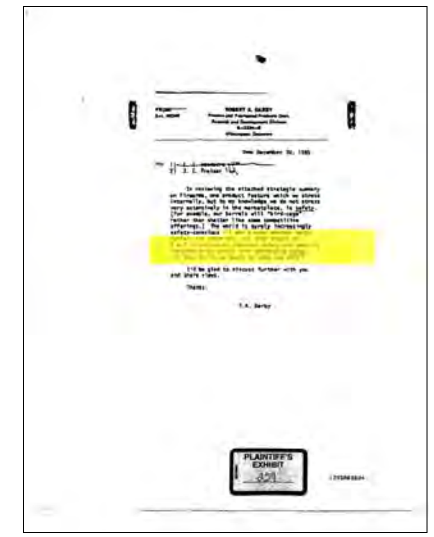
Minute #14
From Page 26

1. The Model 700 bolt lock has been redesigned to operate independently of the safety and to allow the shooter to reload his gun with the safety in the "ON" position. Production costs are being developed by Industrial Engineering and the final version is now in test.

2. Three different designs of the M700 Fire Control are being considered. Two are ready for release to the Test Lab and one is still on the drawing board. Upon successful completion of the Model 700, work will continue to develop similar mechanisms for all of our bolt action rifles.

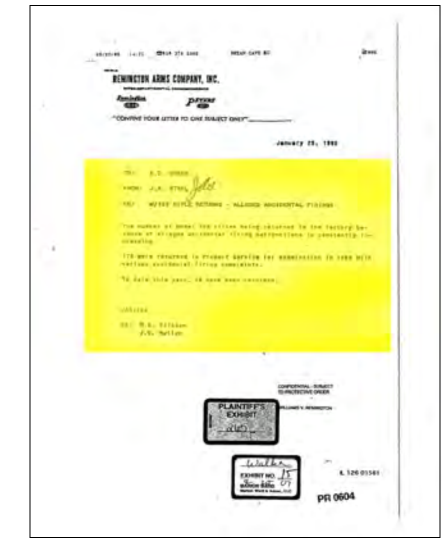
Dec 30, 1985

Remington considers whether "macho hunters" are concerned with safety. "R&D is working on improved safety . . . features which should have market value. (If they don't, we ought to stop the work)."Pl. Exhibit 259

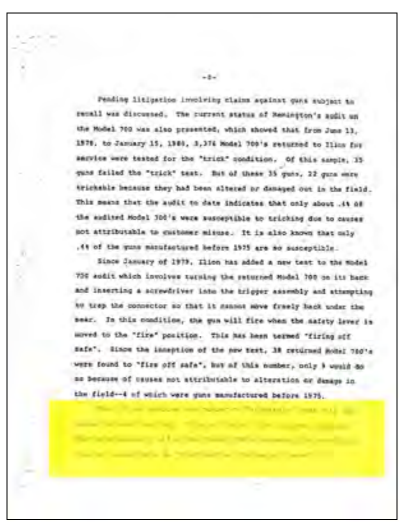


Jan 25, 1990

James Hutton is copied on memorandum that reports, "The number of Model 700 rifles being returned to the factory because of alleged accidental firing malfunctions is constantly increasing." Pl. Exhibit 265



Jul 1979 | Jan 1980 | Jul 1980 | Jan 1981 | Jul 1981 | Jan 1982 | Jul 1982 | Jan 1983 | Jul 1983 | Jan 1984 | Jul 1984 | Jan 1985 | Jul 1985 | Jan 1986 | Jul 1986 | Jan 1987 | Jul 1987 | Jan 1988 | Jul 1988 | Jan 1989 | Jul 1989

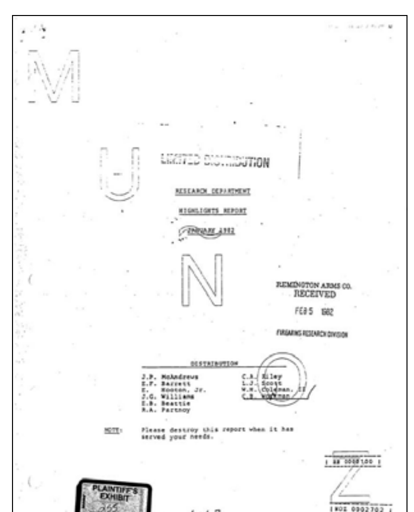


Jan 22, 1980

Rather than recall M700 rifles for "tricking" or "fire on safe", Remington begins gun safety campaign to educate public, .6% of 2,000,000 rifles in circulation potentially exhibit defect (12,000 rifles) Pl. Exhibit 2415

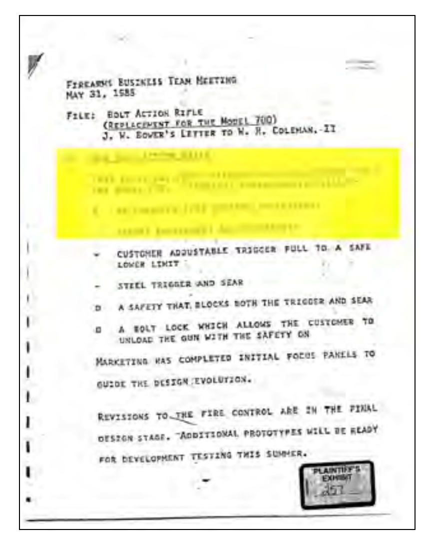
Jan 1982

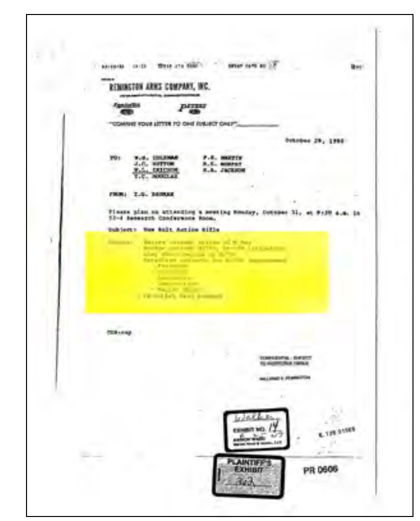
Remington tests rifles with a trigger design that does not require a connector Pl Exhibit 255



May 31, 1985

Remington designs a replacement for the M700 that includes an "improved fire control", including "preset engagement" Pl. Exhibit 257

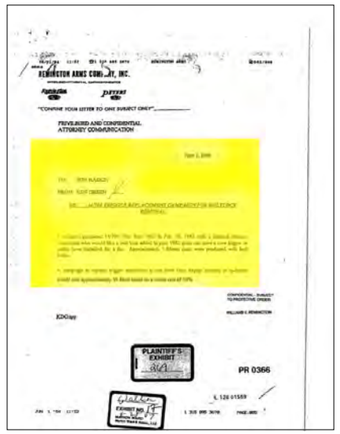




Oct 28, 1988

James Hutton attends meeting to "review current status of N'BAR, review current M/700, . . . Litigation, [to] list shortcomings of M/700 [and] Establish criteria for M/700 improvement." Pl.Exhibit 262

M700 CHRONOLOGY

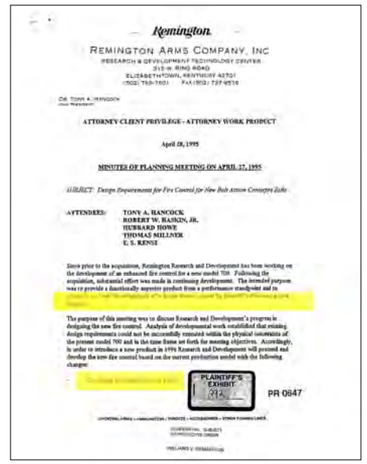


Jun 1, 1994

Remington considers recall of all M700 rifles at a cost of $22.7 million. Pl Exhibit 269

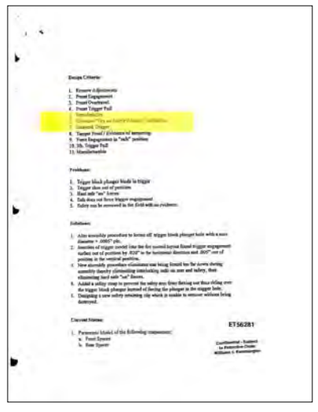
Apr 28, 1995

Thomas Millner, Remington President, attends meeting regarding development of new Model 700 fire control to, "[e]liminate the bas is for allegations of a design defect created by plaintiff's attorney s in past litigation." Proposed solution: "The trigger will consist of one piece." Pl. Exhibit 292



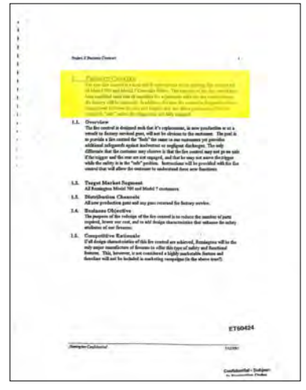
1994

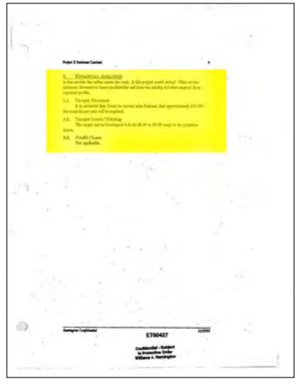
Remington considers recall notice to customers that will read, "This safety notice is being sent to be sure you understand if your Model 700, . . . is loaded, the gun may accidentally fire . . . when you close the bolt." Pl. Exhibit 273



Jan 1, 1995

Remington enters into new redesign effort for M700 with goal to "Eliminate fires on safety release malfunction." Pl Exhibit 286





Jan 27, 1995

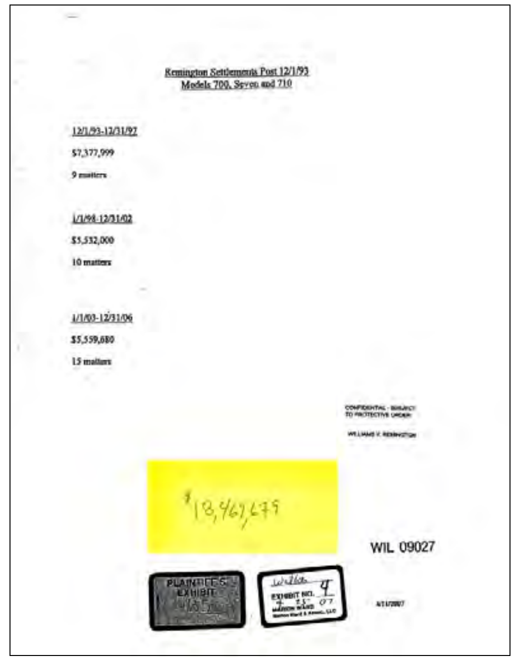
Redesign effort outlined in "Fire Control Business Contract". New fire control "to force engagement between sear and trigger." BUT, "in this section the rubber meets the road. Is this project worth doing? What are the minimum forecasts to insur e profitability?" Pl Exhibit 288

Jan 1990 | Jul 1990 | Jan 1991 | Jul 1991 | Jan 1992 | Jul 1992 | Jan 1993 | Jul 1993 | Jan 1994 | Jul 1994 | Jan 1995 | Jul 1995 | Jan 1996 | Jul 1996 | Jan 1997 | Jul 1997 | Jan 1998 | Jul 1998 | Jan 1999 | Jul 1999 | Jan 20

M700 CHRONOLOGY

Dec 1993 - Dec 2006

Remington reports at total of $18,469,679 in settlements have been paid for Models 700, 7 and 710, all of which have the Walker/Haskell Fire Control with a trigger connector Pl. Exhibit 435


Remington Settlements Post 12/1/93
Models 700, Seven and 710

12/1/93-12/31/97
$7,377,999
9 matters

1/1/98-12/31/02
$5,532,000
10 matters

1/1/03-12/31/06
$5,559,680
15 matters

CONFIDENTIAL - SUBJECT TO PROTECTIVE ORDER

WILLIAMS V. REMINGTON

$18,469,679

WIL 09027

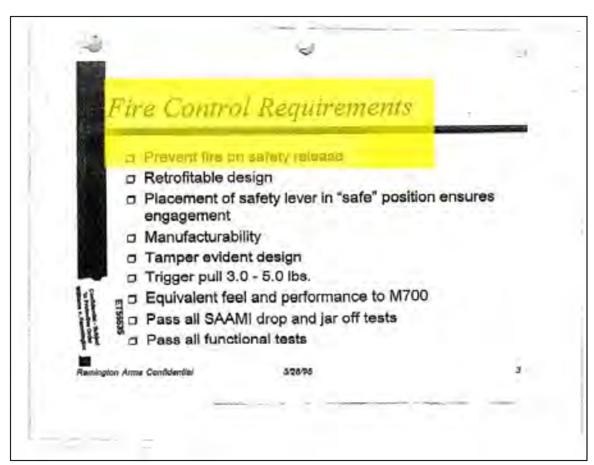
PLAINTIFF'S EXHIBIT

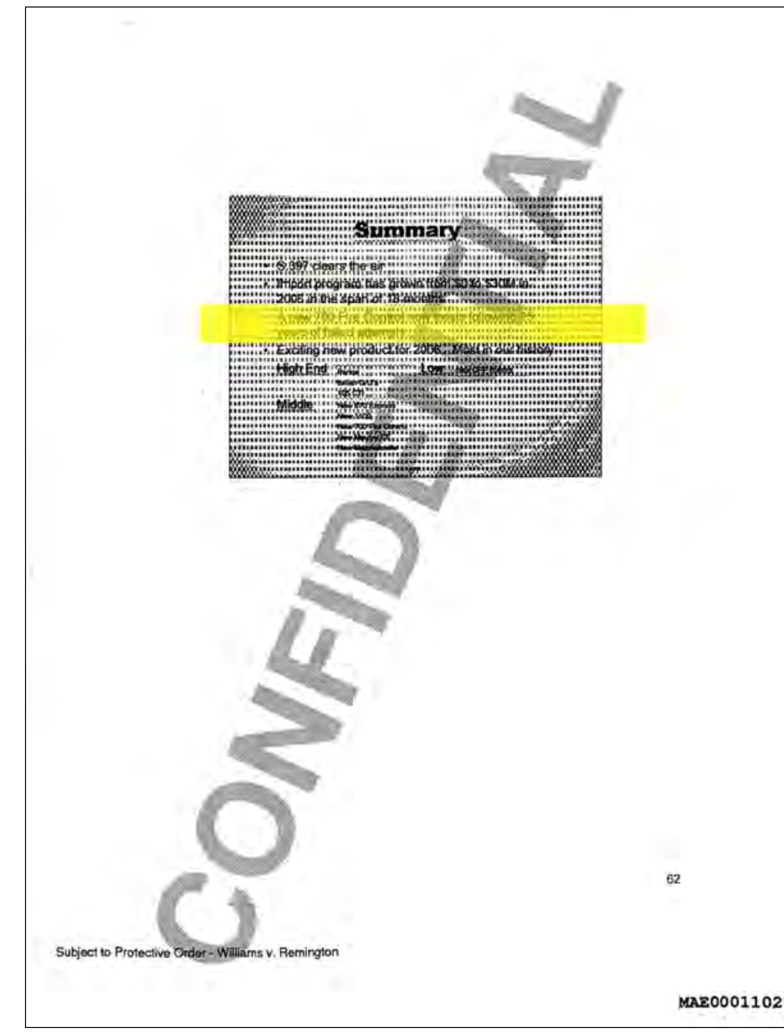
EXHIBIT NO. 4

000	Jul 2000	Jan 2001	Jul 2001	Jan 2002	Jul 2002	Jan 2003	Jul 2003	Jan 2004	Jul 2004	Jan 2005	Jul 2005	Jan 2006	Jul 2006

Mar 28, 1995

"Design Review" meeting. New fire control requirements: "Prevent fire on safety release." Pl. Exhibit 291





Aug 17, 2005

Remington announces new M700 fire control after "25 years of faile d attempts." Pl Exhibit 429