

cc: C.H. Morse
H. J. Waterman
P. Nasypany

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE



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Remington Arms Company, Inc.
Ilion, New York

To: W.E. LEEK
From: A.A. HUGICK *G.G.H.*
Date: NOV. 10, 1966
Subject: 22 RIM FIRE LOCK TIME

As requested lock time of various bolt action 22 Rim Fire Rifles were taken in the Measurement Lab.

The following results were measured using a Fotonic Sensor to record firing pin motion on an empty chamber. Measured time is from initial motion to terminal motion of the firing pin.

	WIN. M/52	REM. M/513	REM. M/580	REM M/521	REM M/40X-B	ANSCHUTZ M/64
Gun Ser. No.	80324C	145982	Pilot #37	Mus.-282	313588	532061
Caliber	22 R.F.	22 R.F.	22 R.F.	22 R.F.	22 R.F.	22 R.F.
Time # 1	3.85	2.00	1.80	2.45	3.45	3.85
Time # 2	4.10	2.26	1.70	2.59	3.35	3.95
Time # 3	3.87	2.35	1.76	3.05	3.30	4.07
Time # 4	4.07	2.50	1.77	2.75	3.30	3.93
Time # 5	3.90	3.15	1.80	2.68	3.35	3.91
Ave. Time	3.96	2.45	1.77	2.70	3.35	3.94
Max. Time	4.10	3.15	1.80	3.05	3.45	4.07
Min. Time	3.85	2.00	1.70	2.45	3.30	3.85
Time Ev.	0.25	1.15	0.10	0.50	0.15	0.22