

REV. 6-55
REMINGTON ARMS COMPANY, INC.
INTER-DEPARTMENTAL CORRESPONDENCE



cc: G. M. Calhoun
D. S. Foote
H. B. duPont
R. E. Dickey
J. G. Kerekes

Bridgeport, Connecticut
September 24, 1962

H. Calhoun
Please enter into
note book

TO: C. J. TURNER
FROM: S. C. TOULSON
SUBJECT: EXTERIOR BALLISTICS - 221 "FIREBALL"

SEP 25 1962
C. J. TURNER

Nominal Weight of Bullet - 50 grains

Ballistic coefficient - 0.538

<u>Range</u> <u>(yds.)</u>	<u>Velocity</u> <u>(ft/sec.)</u>	<u>Energy</u> <u>(ft.lbs.)</u>	<u>Drop</u> <u>(in.)</u>	<u>MRT</u> <u>(in.)</u>	<u>Trajectory (in.)</u> <u>Sighted in @ 50 yds</u>
Muzzle	2650	780	-	-	-
50	2420	650	0.4	0.1	-
100	2200	535	1.8	0.5	- 0.1
150	2000	445	4.4	1.2	- 1.4
200	1800	360	8.8	2.6	- 4.5
250	1630	295	14.7	4.4	- 9.1
300	1460	235	23.7	7.4	-16.8

S. C. Toulson

S. C. Toulson
Supervisor, Ballistics Unit
Research & Development Department

SCT:m