

BARBER - M24 0176327

6669 3240

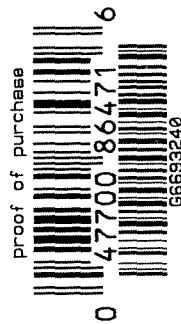
**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

BARBER - M24 0176327 **M2400176366**

**M/24 7.62 NATO S.W.S.
BOLT ACTION CENTERFIRE RIFLE
24" BARREL WITH MARS RAIL
COMPLETE SYSTEM - LE/EXPORT**

98606 - M-24 OPERATORS MANUAL
96229 - SWS SLING STRAP ASSEMBLY
96117 - TRS BI POD ASSB
96082 SCOPE RING ASSEMBLY
400061 SCOPE RING ASSEMBLY 306-09

BM FORM 1692

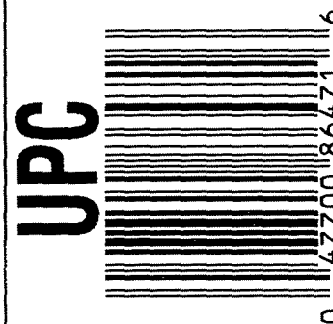


ORDER NO. **86471**

BARREL LENGTH **24"**

CAPACITY **6**

G6693240



M-24
BARBER - M24 0176329 INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6693240

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		12-6-07	RTZ
420	ASSEMBLE ACTION		12-6-07	RTZ
430	ASSEMBLE TO STOCK		12-7-07	TRW
440	PROOF		12-7-07	TRW
460	CHECK HEADSPACE	MAGNA - FLUX	12-7-07	TRW
470	DIS-ASSEMBLE ACTION	DEC 10 2007	12-7-07	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR JB	12-10-07	JB
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		12-7-07	CW
510	DRILL AND TAP SIGHT HOLES		12-7-07	FM
520	GOFF BLAST BBL / REC		12-11-07	YH
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		12/11/07	JB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		12-17-07	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		12-17-07	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		12-17-07	DA
	D) OIL FIRING PIN ASSEMBLY		12-17-07	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		1/8/08	ms

F004 REV 5/2006

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BARBER - M24 0176329 76368

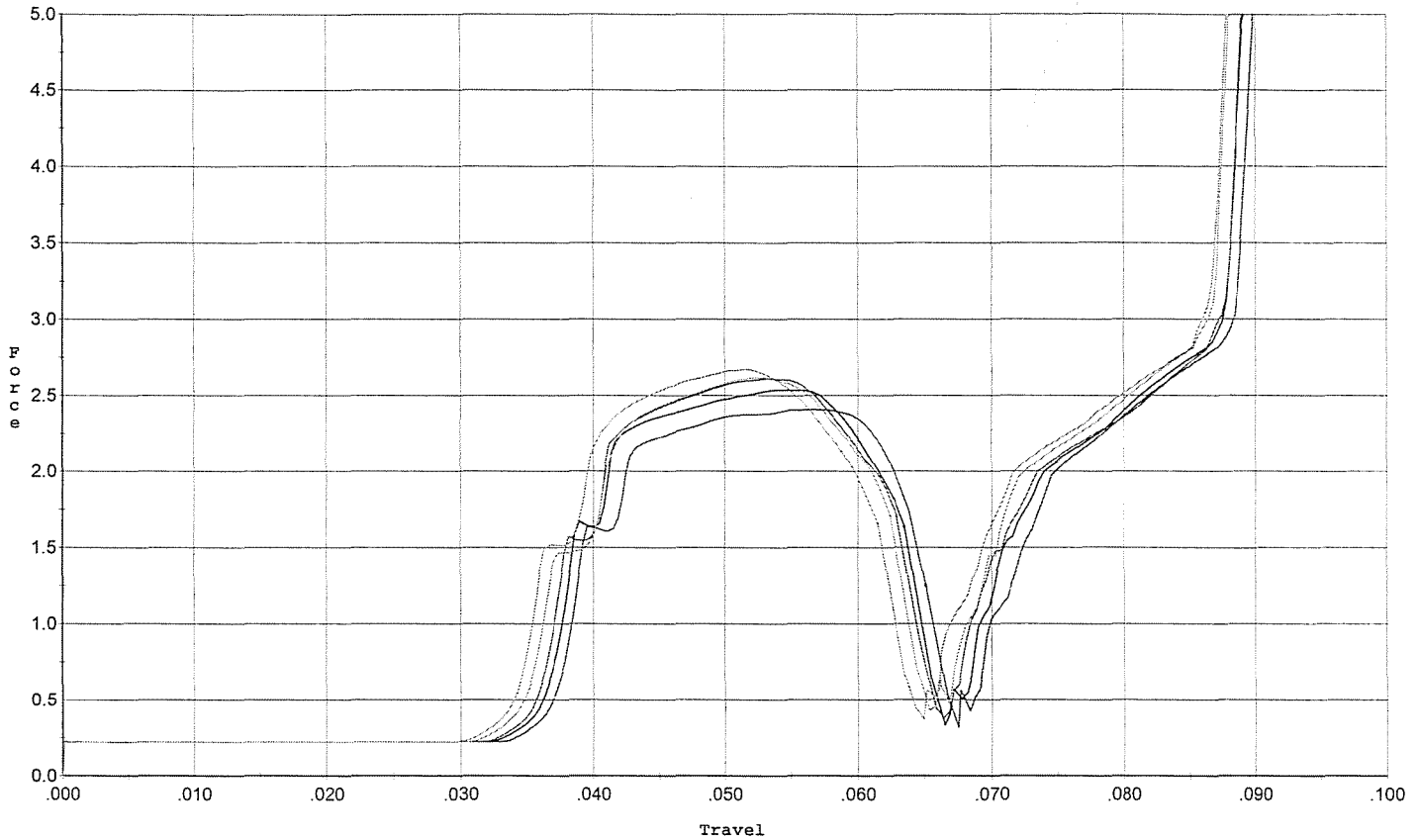
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	BARBER - M24 0176330 F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>5.75</u> <u>5.0</u> <u>5.75</u>	1/4/08	MM
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>5.0</u> <u>4.25</u> <u>4.25</u>	1/4/08	MM
	H) TRIGGER PULL TEST AND RETAINABILITY		1/8/08	MM
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.024</u> <u>.023</u>	1/4/08	MM
	J) ASSEMBLE STOCK		12-17-07	RTZ
	K) ASSEMBLE SWIVEL STUDS		1/8/08	MM
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		1/8/08	MM
	M) IRON SIGHT ALIGNMENT		1/8/08	MM
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		1/8/08	MM
640 & 650	FUNCTION TEST AND TARGET	PASS FAIL PASS FAIL	1/3/08	MM
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		1-3-08	SD
670	FINAL INSPECTION A) HEADSPACE		1/8/08	MM
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>275</u> <u>273</u> <u>276</u> <u>264</u> <u>273</u>	1/4/08	MM
	C) FUNCTION		1/8/08	MM
690	PACK		6/26/08	FM

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: 12/17/07 M. McKinney

Model: M/24
Serial No: Form #F005
Trigger: 2.5 lbs. ini. +/- .50 lbs.



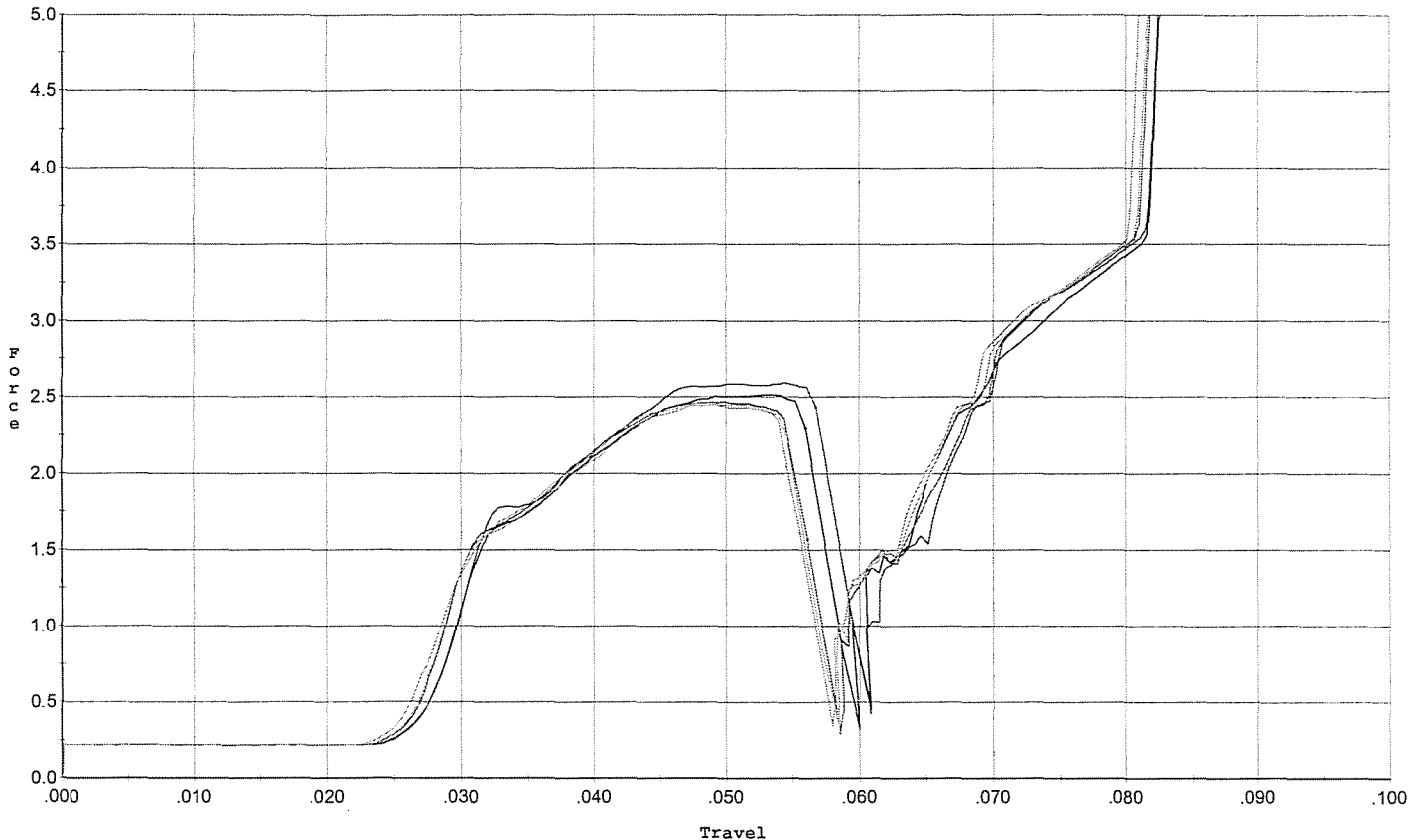
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.407	0.065	0.037	0.033	0.066		Set Trigger
2	2.536	0.064	0.036	0.033	0.067		Set Trigger
3	2.609	0.063	0.035	0.033	0.068		Set Trigger
4	2.617	0.062	0.035	0.033	0.067		Set Trigger
5	2.671	0.061	0.034	0.033	0.068		Set Trigger

2.57 Avg

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: 12/17/07 M. McKinney

Model: M/24
Serial No: Form #F005
Trigger: 2.5 lbs. after 50 cycles +/- .50 lbs.



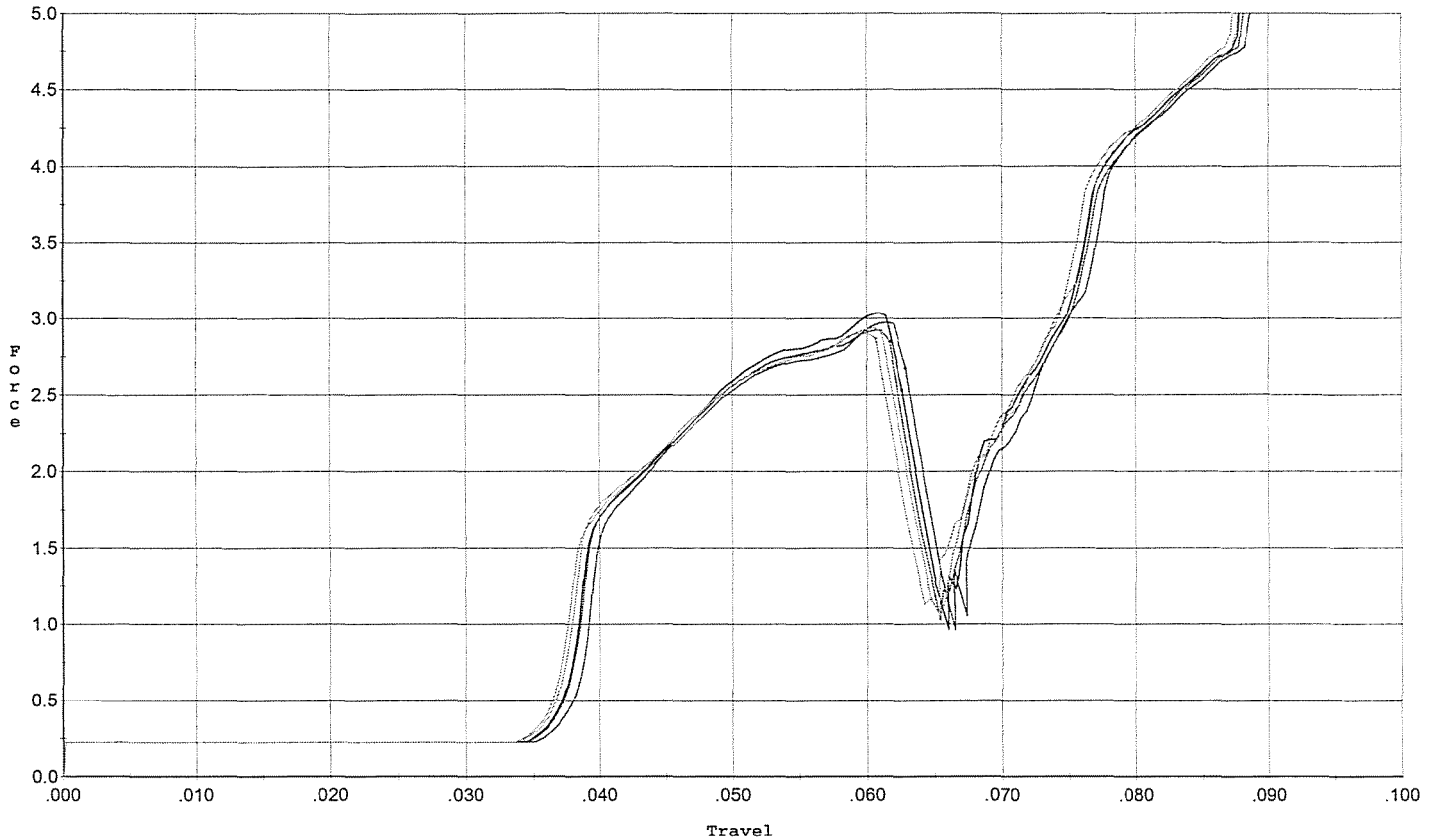
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.592	0.057	0.028	0.030	0.069		Set Trigger
2	2.515	0.056	0.028	0.031	0.065		Set Trigger
3	2.468	0.056	0.027	0.031	0.064		Set Trigger
4	2.447	0.055	0.026	0.031	0.062		Set Trigger
5	2.461	0.056	0.026	0.031	0.064		Set Trigger

2.50 Avg

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: 12/17/07 M. McKinney

Model: M/24
 Serial No: Form #F005
 Trigger: 3.0 lbs. ini. +/- .75 lbs.



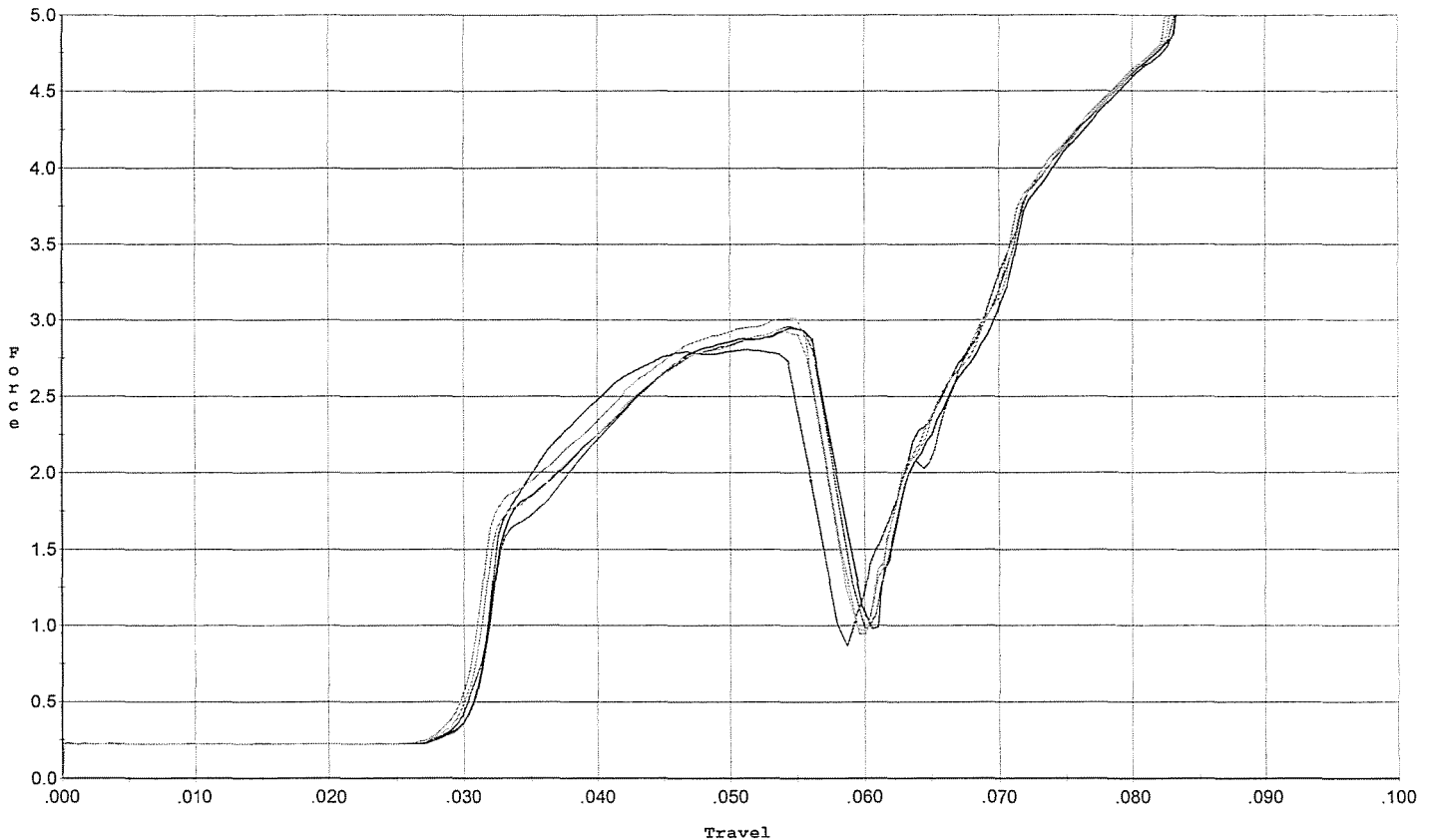
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.973	0.063	0.038	0.031	0.069		Set Trigger
2	3.038	0.063	0.037	0.031	0.070		Set Trigger
3	2.921	0.062	0.037	0.032	0.067		Set Trigger
4	2.939	0.061	0.036	0.032	0.067		Set Trigger
5	2.899	0.061	0.036	0.032	0.066		Set Trigger

295 Avg.

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: 12/17/07 M. McKinney

Model: M/24
Serial No: Form #F005
Trigger: 3. lbs. after 20 cycles +/- .75 lbs.



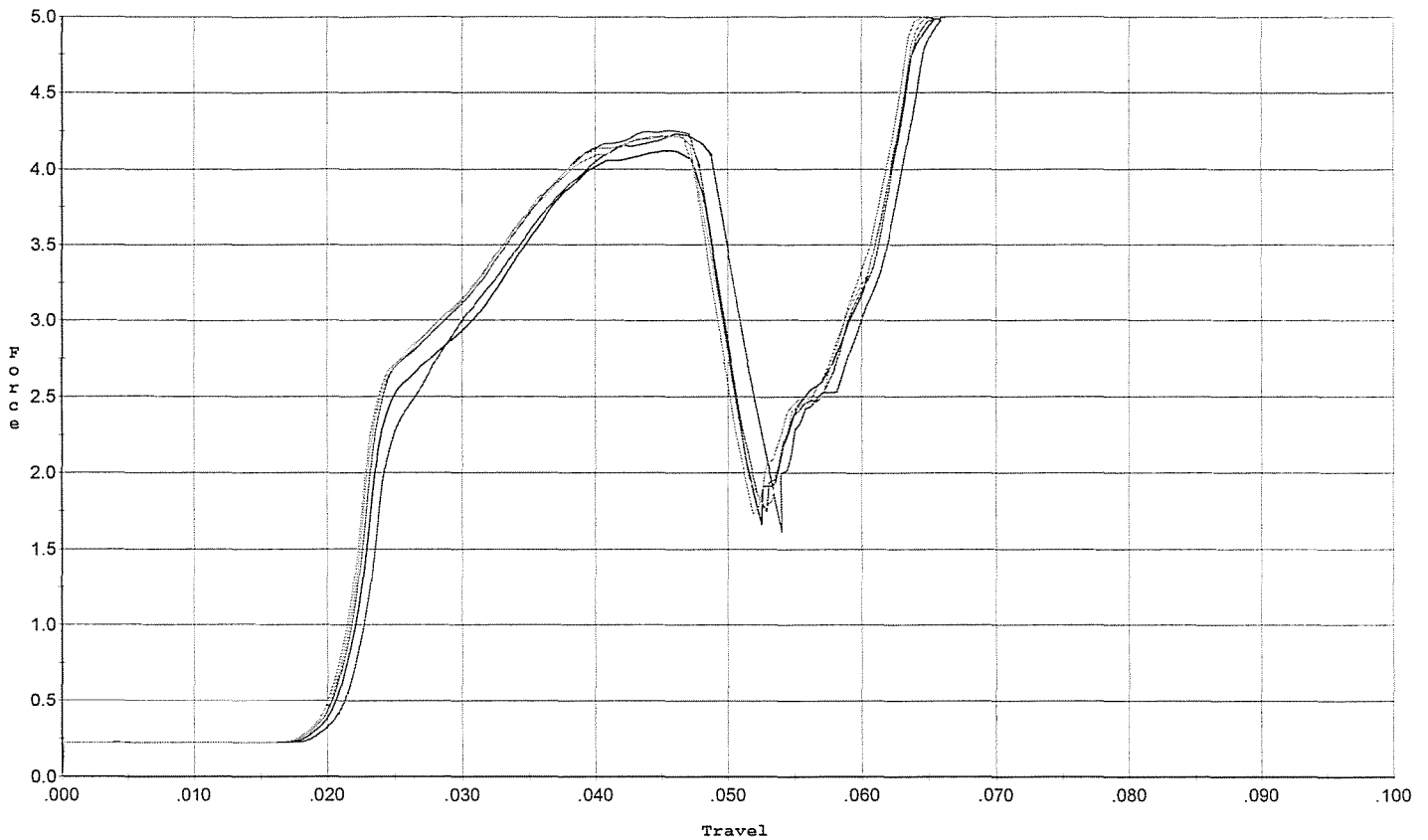
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.807	0.056	0.030	0.032	0.068		Set Trigger
2	2.948	0.056	0.030	0.031	0.069		Set Trigger
3	2.958	0.056	0.031	0.031	0.068		Set Trigger
4	2.939	0.056	0.030	0.031	0.068		Set Trigger
5	3.012	0.056	0.029	0.031	0.071		Set Trigger

2.93 Avg.

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: 12/17/07 M. McKinney

Model: M/24
 Serial No: Form #F005
 Trigger: 4.0 lbs. ini. +/- 1.0 lbs.



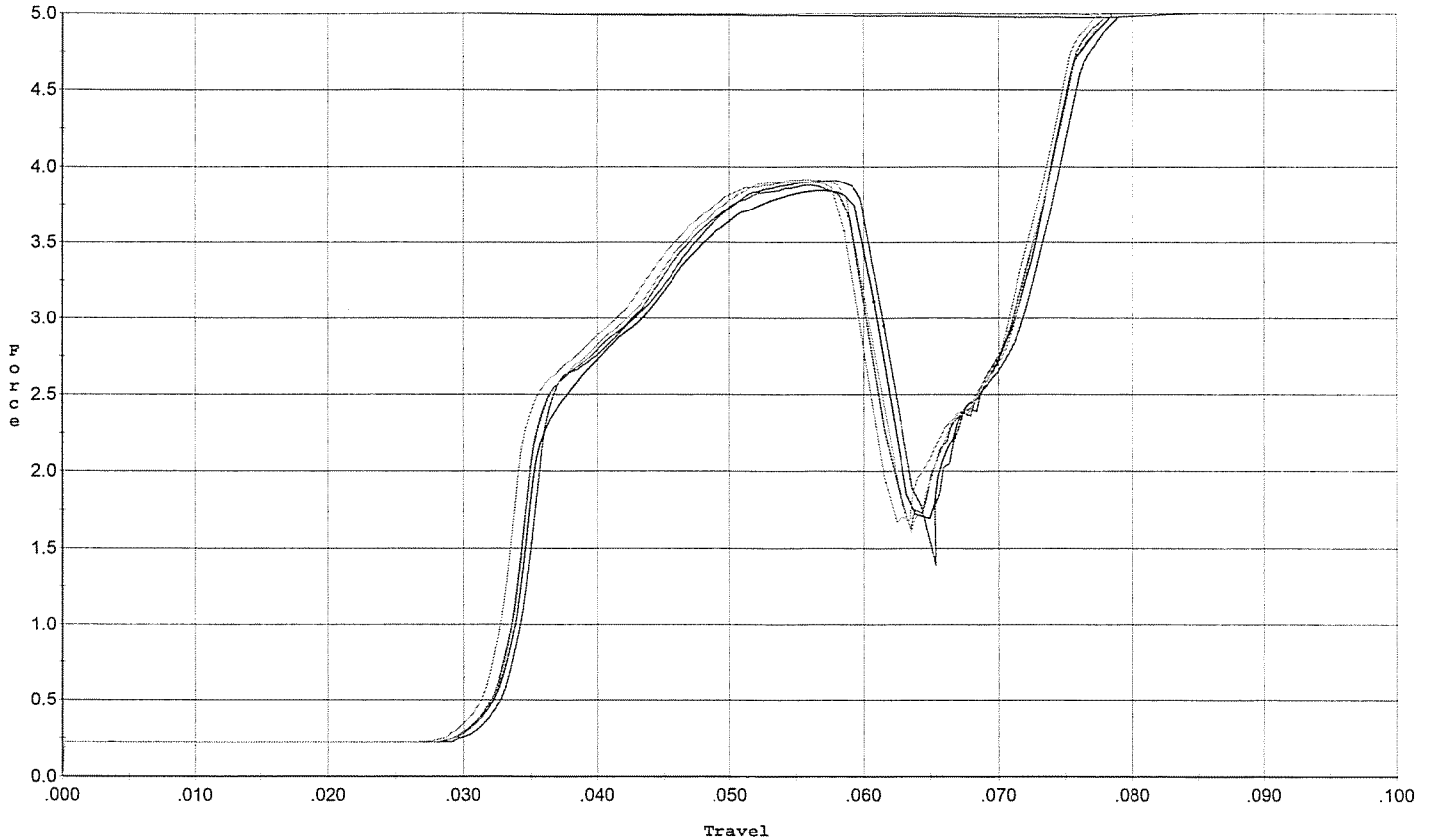
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.233	0.049	0.021	0.026	0.097		Set Trigger
2	4.126	0.048	0.020	0.026	0.094		Set Trigger
3	4.256	0.048	0.020	0.026	0.098		Set Trigger
4	4.220	0.049	0.020	0.026	0.100		Set Trigger
5	4.224	0.047	0.020	0.026	0.096		Set Trigger

4.21 avg

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: 12/17/07 M. McKinney

Model: M/24
Serial No: Form #F005
Trigger: 4.0 lbs. after 20 cycles +/- 1.0 lbs.



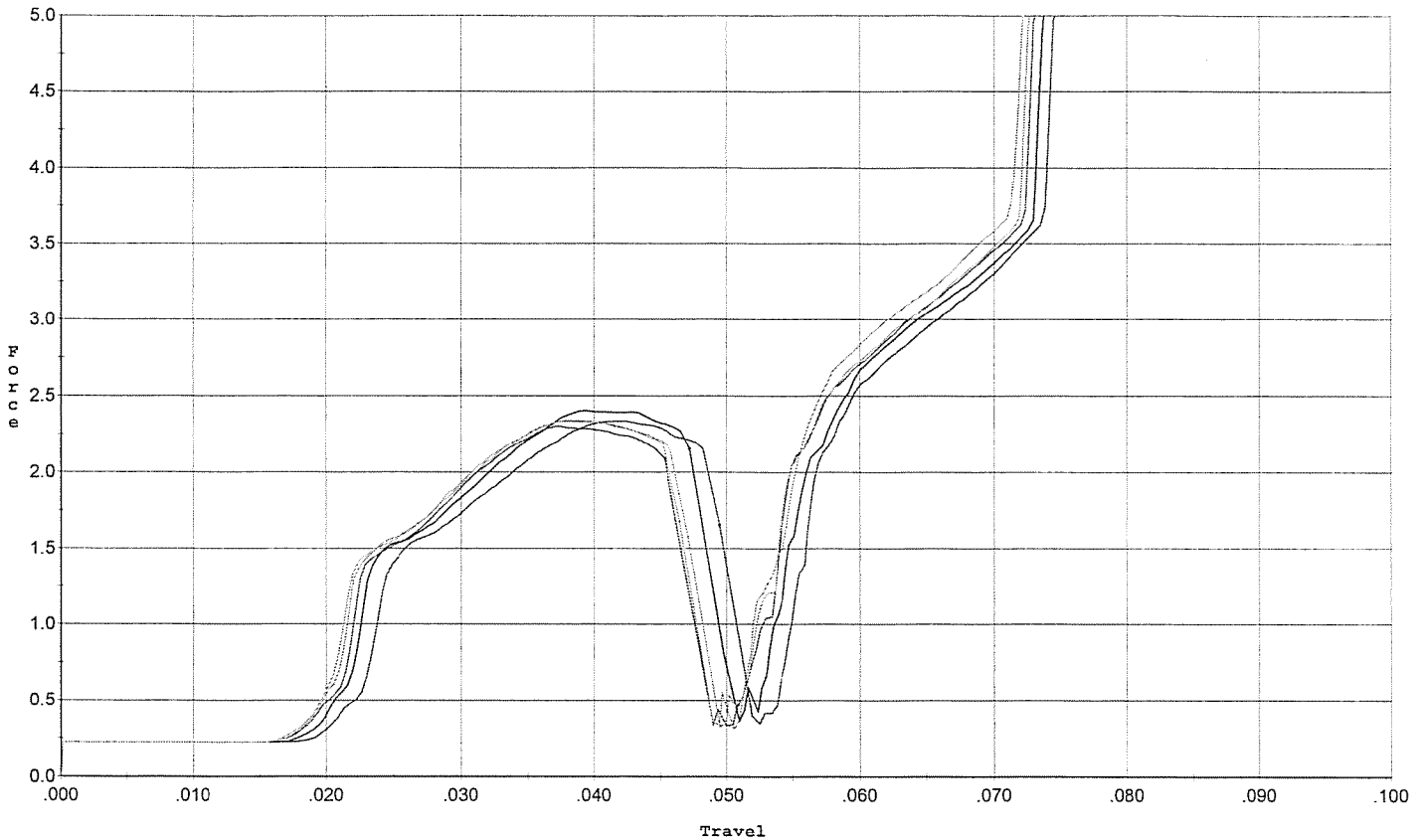
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.909	0.062	0.033	0.031	0.098		Set Trigger
2	3.845	0.061	0.032	0.031	0.095		Set Trigger
3	3.882	0.059	0.032	0.031	0.093		Set Trigger
4	3.915	0.059	0.032	0.031	0.093		Set Trigger
5	3.900	0.059	0.031	0.031	0.095		Set Trigger

3.89 Avg.

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: 12/17/07 M. McKinney

Model: M/24
Serial No: Form #F005
Trigger: reset to 2.5 lbs. +/- .50 lbs. for final test



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.334	0.049	0.021	0.030	0.057		Set Trigger
2	2.404	0.047	0.020	0.030	0.057		Set Trigger
3	2.299	0.045	0.021	0.031	0.052		Set Trigger
4	2.335	0.046	0.019	0.031	0.056		Set Trigger
5	2.338	0.047	0.020	0.030	0.057		Set Trigger

2.34 Avg.

Trigger Profile [lbs,inch]

Profile

GunType:

Make:

Note:

SWS

Rifle

Remington

12/17/07 M. McKinney

Model:

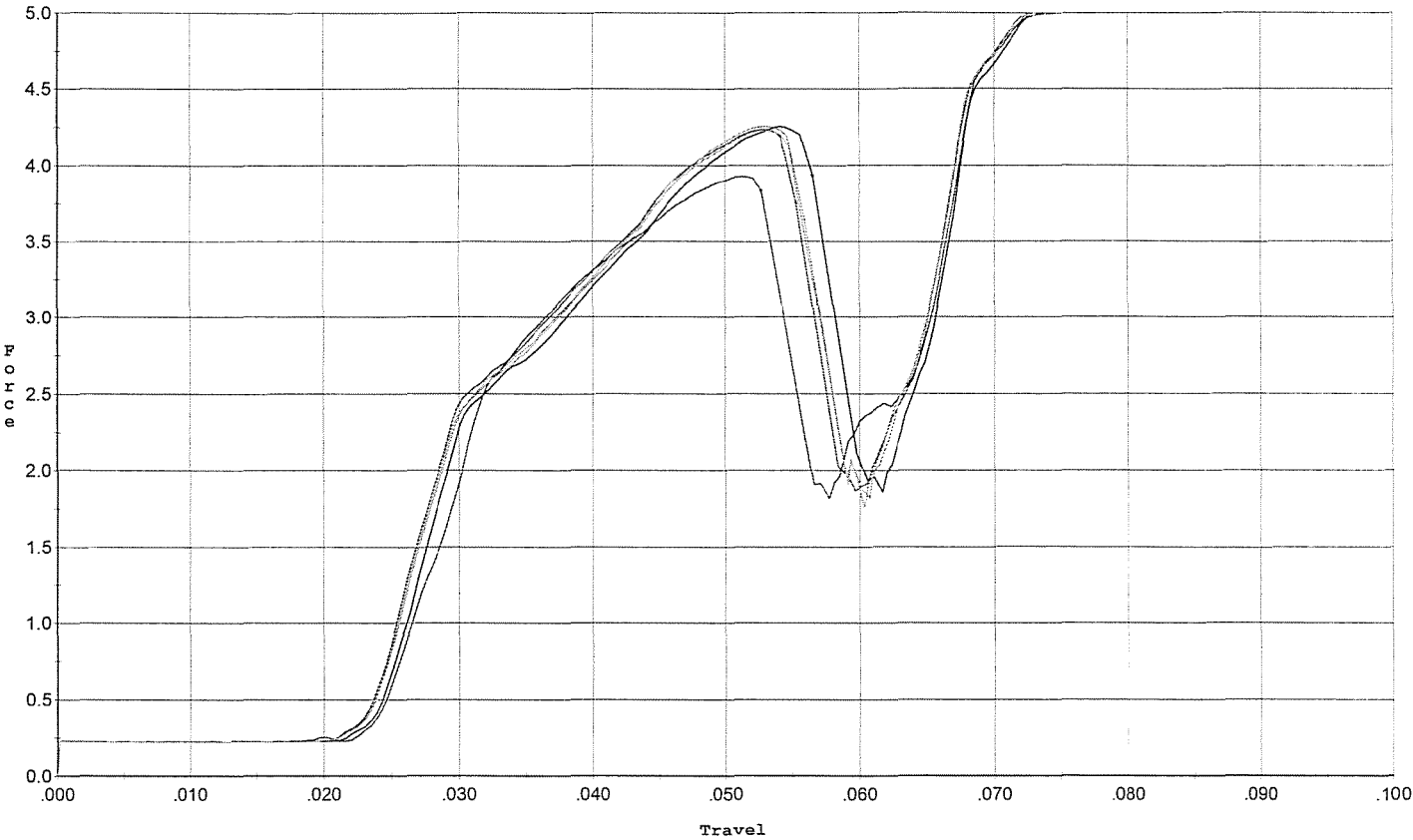
Serial No:

Trigger:

M/24

Form #F005

set to 4.0 lbs. +/- 1.0 lbs. for target & accuracy



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.927	0.053	0.024	0.029	0.089		Set Trigger
2	4.256	0.057	0.024	0.026	0.106		Set Trigger
3	4.235	0.055	0.023	0.026	0.104		Set Trigger
4	4.229	0.057	0.024	0.026	0.106		Set Trigger
5	4.257	0.056	0.024	0.026	0.106		Set Trigger

4.18 Avg.

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6693240.___0

FILE DATE AND TIME: 01/04/2008 06:32

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

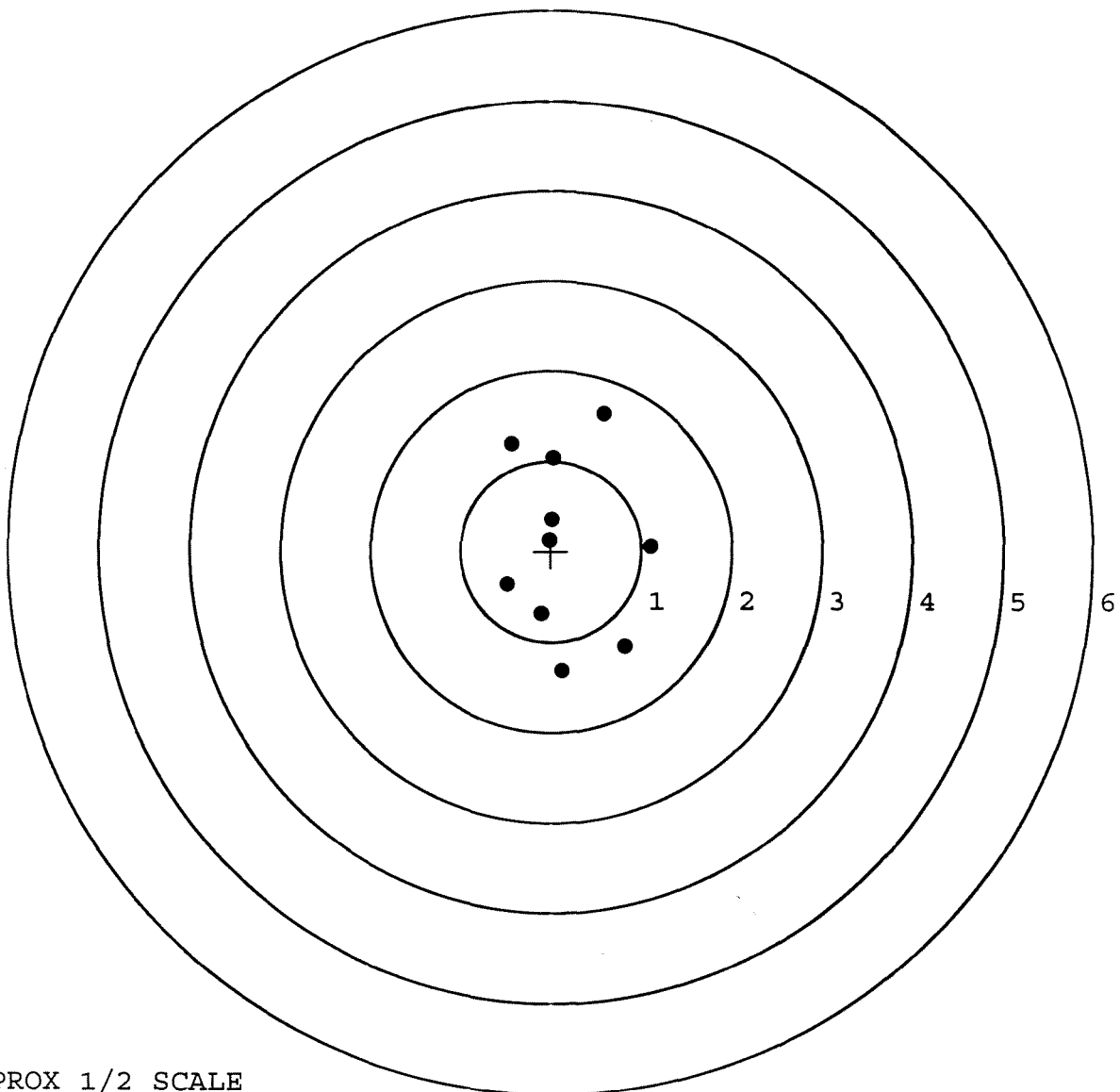
The Average X Centroid of the Five Target Set:	-0.021
The Average Y Centroid of the Five Target Set:	0.062
The Average Point of Impact of the Five Target Set:	0.065
The Average Mean Radius of the Five Target Set:	0.791
The Distance from POA to Centroid Target #1:	0.185
The Distance from Centroid Target #2 to Centroid Target #1:	0.515
The Distance from Centroid Target #3 to Centroid Target #1:	0.091
The Distance from Centroid Target #4 to Centroid Target #1:	0.107
The Distance from Centroid Target #5 to Centroid Target #1:	0.316

BARBER - M24 0176340

SERIAL NUMBER: G6693240. __0
TARGET NUMBER: 1
FILE DATE: 01/04/2008
FILE TIME: 06:32

POINT#	X	Y
1:	0.825	-1.050
2:	0.120	-1.320
3:	-0.108	-0.695
4:	-0.485	-0.371
5:	1.103	0.055
6:	-0.018	0.121
7:	0.012	0.353
8:	0.033	1.039
9:	0.593	1.522
10:	-0.431	1.191

X CENTROID: 0.164
Y CENTROID: 0.084
POA TO CENTROID: 0.185
HORZ SPREAD: 1.588
VERT SPREAD: 2.842
GROUP SPREAD: 2.881
MIN RADIUS: 0.186
MAX RADIUS: 1.500
MEAN RADIUS: 0.949
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9



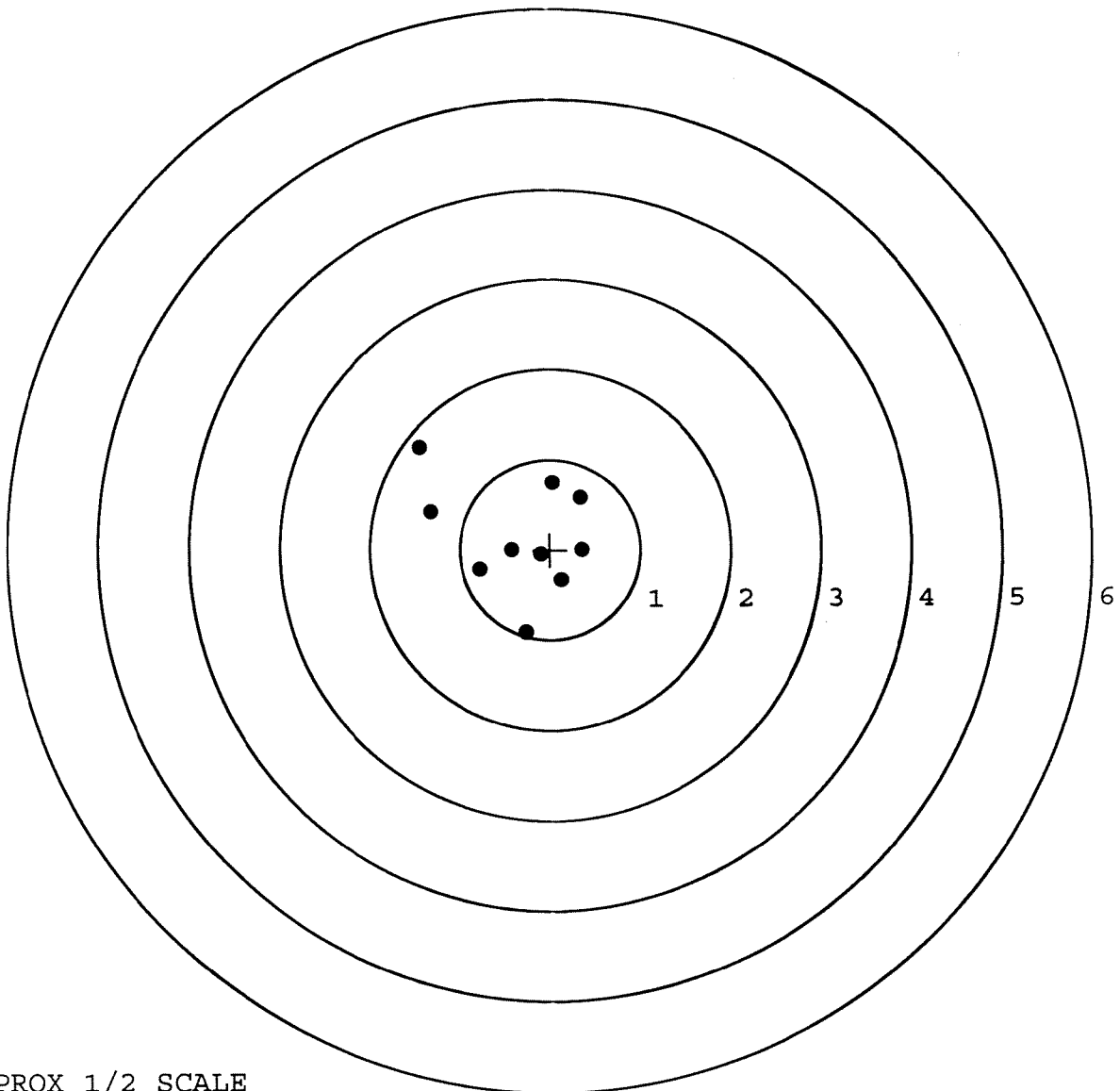
TARGET APPROX 1/2 SCALE

BARBER - M24 0176341

SERIAL NUMBER: G6693240. __0
TARGET NUMBER: 2
FILE DATE: 01/04/2008
FILE TIME: 06:32

X CENTROID: -0.348
Y CENTROID: 0.135
POA TO CENTROID: 0.374
HORZ SPREAD: 1.798
VERT SPREAD: 2.058
GROUP SPREAD: 2.368
MIN RADIUS: 0.157
MAX RADIUS: 1.484
MEAN RADIUS: 0.750
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.030	0.742
2:	0.345	0.580
3:	0.356	-0.002
4:	0.123	-0.338
5:	-0.271	-0.920
6:	-0.103	-0.051
7:	-0.421	-0.004
8:	-0.775	-0.215
9:	-1.323	0.425
10:	-1.442	1.138



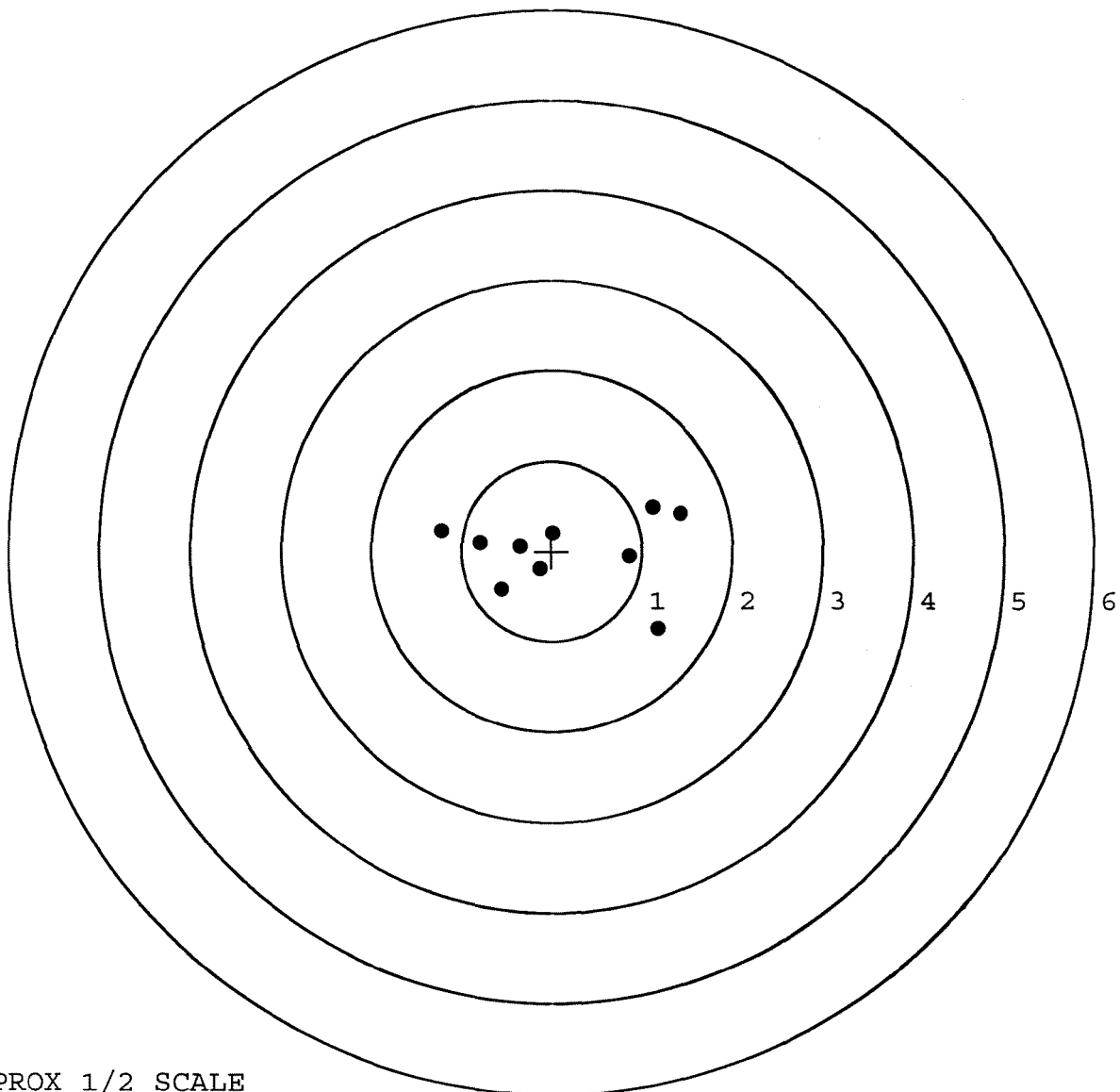
TARGET APPROX 1/2 SCALE

BARBER - M24 0176342

SERIAL NUMBER: G6693240. __0
TARGET NUMBER: 3
FILE DATE: 01/04/2008
FILE TIME: 06:32

POINT#	X	Y
1:	-1.220	0.225
2:	-0.791	0.099
3:	-0.343	0.055
4:	-0.551	-0.425
5:	-0.127	-0.199
6:	0.016	0.204
7:	0.862	-0.060
8:	1.167	-0.866
9:	1.422	0.419
10:	1.120	0.492

X CENTROID: 0.155
Y CENTROID: -0.006
POA TO CENTROID: 0.156
HORZ SPREAD: 2.642
VERT SPREAD: 1.358
GROUP SPREAD: 2.649
MIN RADIUS: 0.252
MAX RADIUS: 1.395
MEAN RADIUS: 0.872
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0176343

SERIAL NUMBER: G6693240. __0

TARGET NUMBER: 4

FILE DATE: 01/04/2008

FILE TIME: 06:32

X CENTROID: 0.060

Y CENTROID: 0.105

POA TO CENTROID: 0.120

HORZ SPREAD: 1.906

VERT SPREAD: 2.286

GROUP SPREAD: 2.460

MIN RADIUS: 0.212

MAX RADIUS: 1.724

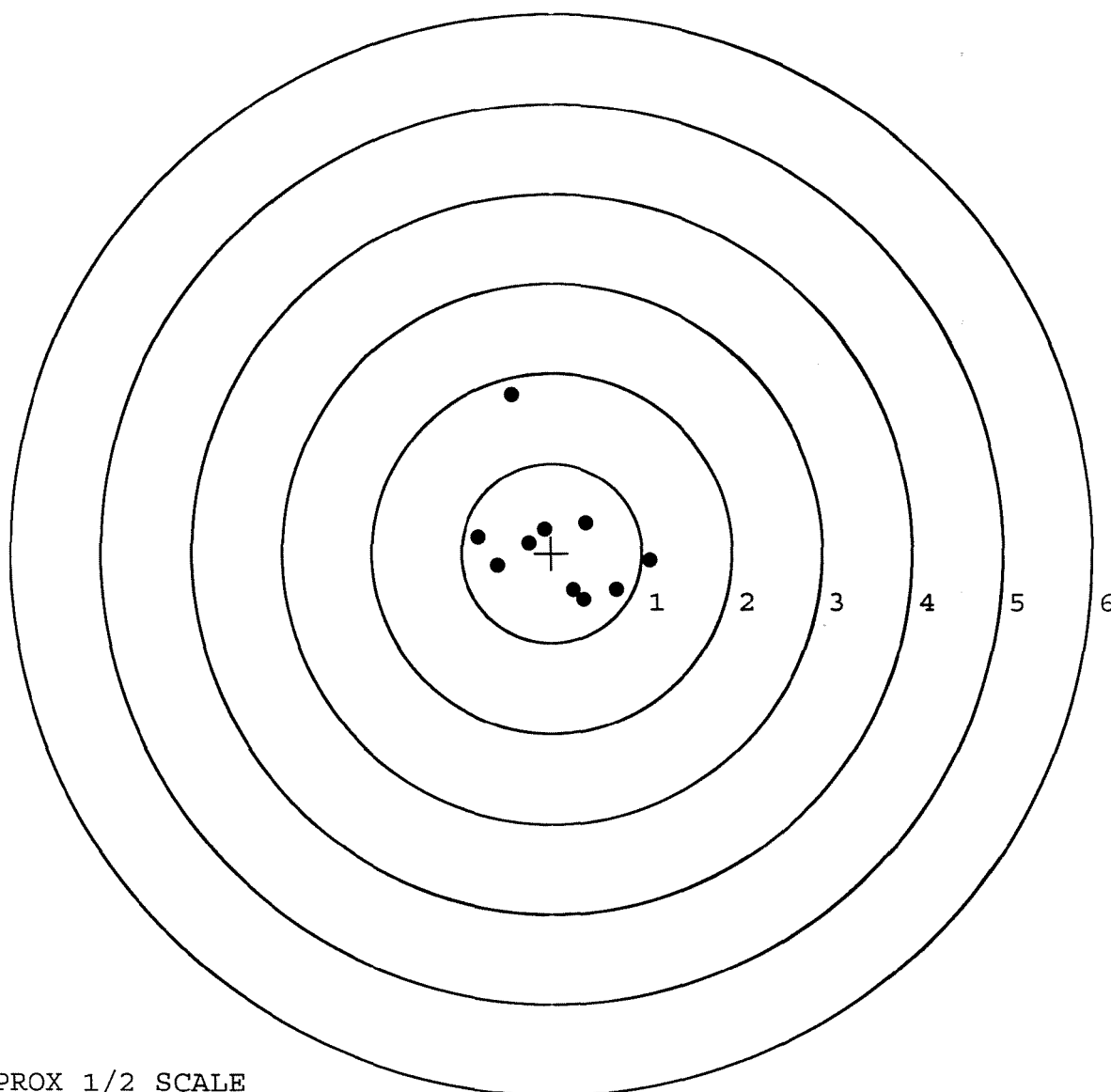
MEAN RADIUS: 0.737

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.087	-0.084
2:	0.724	-0.413
3:	0.242	-0.415
4:	0.380	0.334
5:	-0.084	0.261
6:	-0.258	0.108
7:	-0.598	-0.143
8:	-0.819	0.176
9:	-0.441	1.754
10:	0.362	-0.532



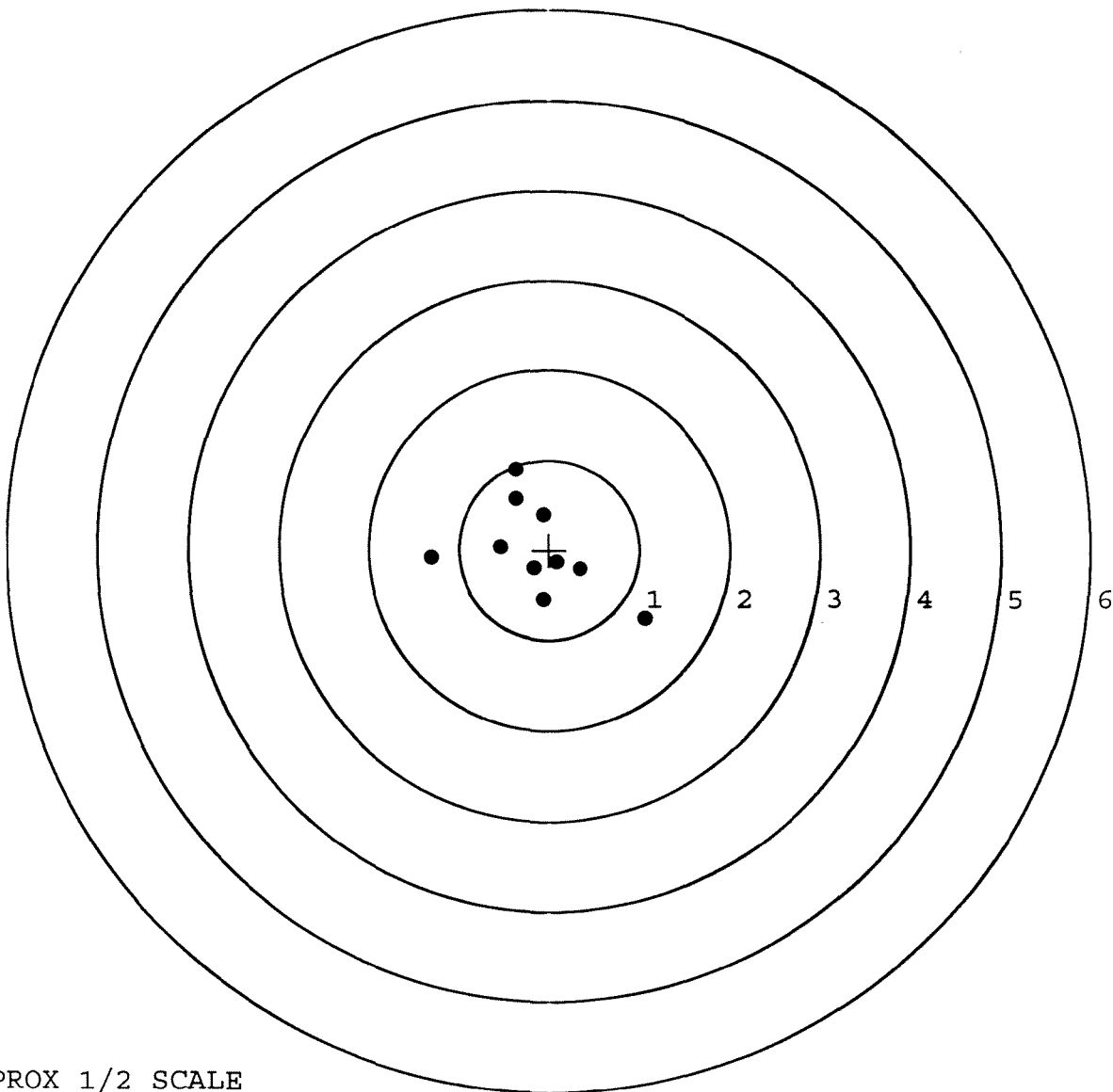
TARGET APPROX 1/2 SCALE

BARBER - M24 0176344

SERIAL NUMBER: G6693240. __0
TARGET NUMBER: 5
FILE DATE: 01/04/2008
FILE TIME: 06:32

	POINT#	X	Y
	1:	1.066	-0.768
	2:	-0.061	-0.558
	3:	-1.307	-0.092
	4:	-0.540	0.031
	5:	0.346	-0.219
	6:	-0.170	-0.202
	7:	0.086	-0.137
	8:	-0.064	0.388
	9:	-0.365	0.566
	10:	-0.365	0.888

X CENTROID: -0.137
Y CENTROID: -0.010
POA TO CENTROID: 0.138
HORZ SPREAD: 2.373
VERT SPREAD: 1.656
GROUP SPREAD: 2.467
MIN RADIUS: 0.194
MAX RADIUS: 1.422
MEAN RADIUS: 0.648
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE