

G 6605338

ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

UPC



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SERIAL NO.



M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518

DD FORM

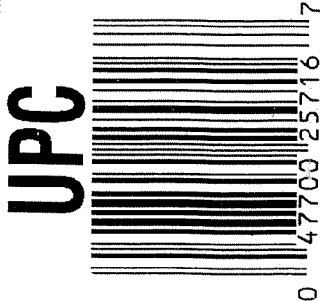


ORDER NO. **25716**

BARREL LENGTH 24"

CAPACITY 6

G6605338



GUN SERIAL # G 6605338

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		10-5-06	RTZ
420	ASSEMBLE ACTION		10-5-06	RTZ
430	ASSEMBLE TO STOCK		10-6-06	DK
440	PROOF		10-6-06	TRW
460	CHECK HEADSPACE	0.004-0.005	10-6-06	TRW
470	DIS-ASSEMBLE ACTION	0.011 - 0.020	10-6-06	BLL
480	MAGNAFLUX BBL ACTION	0.001-0.002	10/6/06	Wend
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		10-6-06	RA
510	DRILL AND TAP SIGHT HOLES		10-6-06	TRW
520	GOFF BLAST BBL / REC		10-9-06	UB
530 & 540	APPLY COATINGS (BARPEL ACTION)			
	(BOLT)		10/11/06	RB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		10-13-06	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10-13-06	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10-13-06	DA
	D) OIL FIRING PIN ASSEMBLY		10-19-06	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			
F004 REV 5/2006				

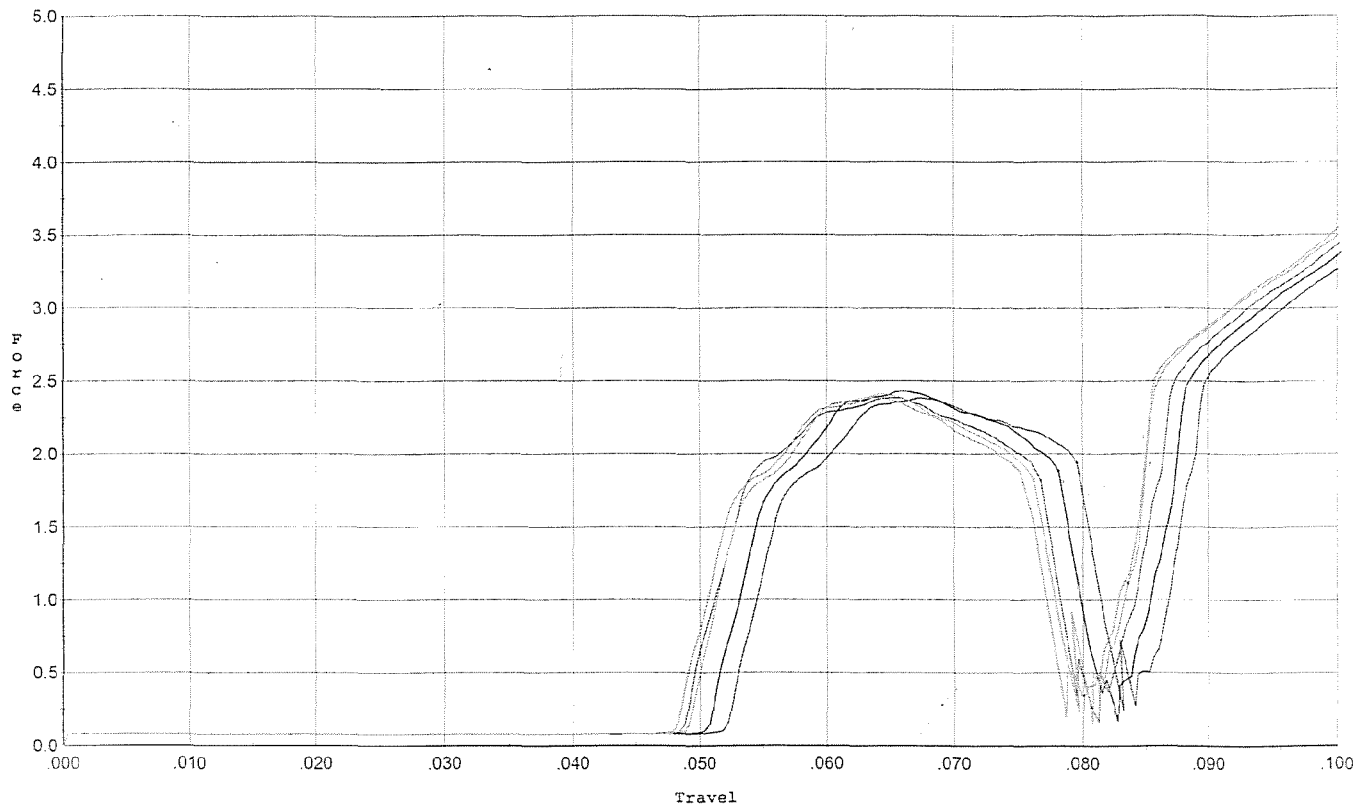
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7.0</u> <u>6.0</u> <u>7.0</u>	11-10-06	L.P.D.
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>4.0</u> <u>4.0</u> <u>4.0</u>	11-10-06	L.P.D.
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.027</u> <u>.027</u> <u>.027</u>	11-10-06	L.P.D.
	J) ASSEMBLE STOCK		10-19-06	RTZ
	K) ASSEMBLE SWIVEL STUDS		11-18-06	RTZ
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10-19-06	RTZ
	M) IRON SIGHT ALIGNMENT		10-19-06	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10-19-06	RTZ
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	10-19-06	L.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		10/19/06	WCH
670	FINAL INSPECTION A) HEADSPACE		11-18-06	RTZ
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.39</u> <u>2.24</u> <u>2.21</u> <u>2.25</u> <u>2.21</u>	10-25-06	DA
	C) FUNCTION		11-18-06	RTZ
690	PACK		12-5-06	

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: M. McKinney 10/7/06

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



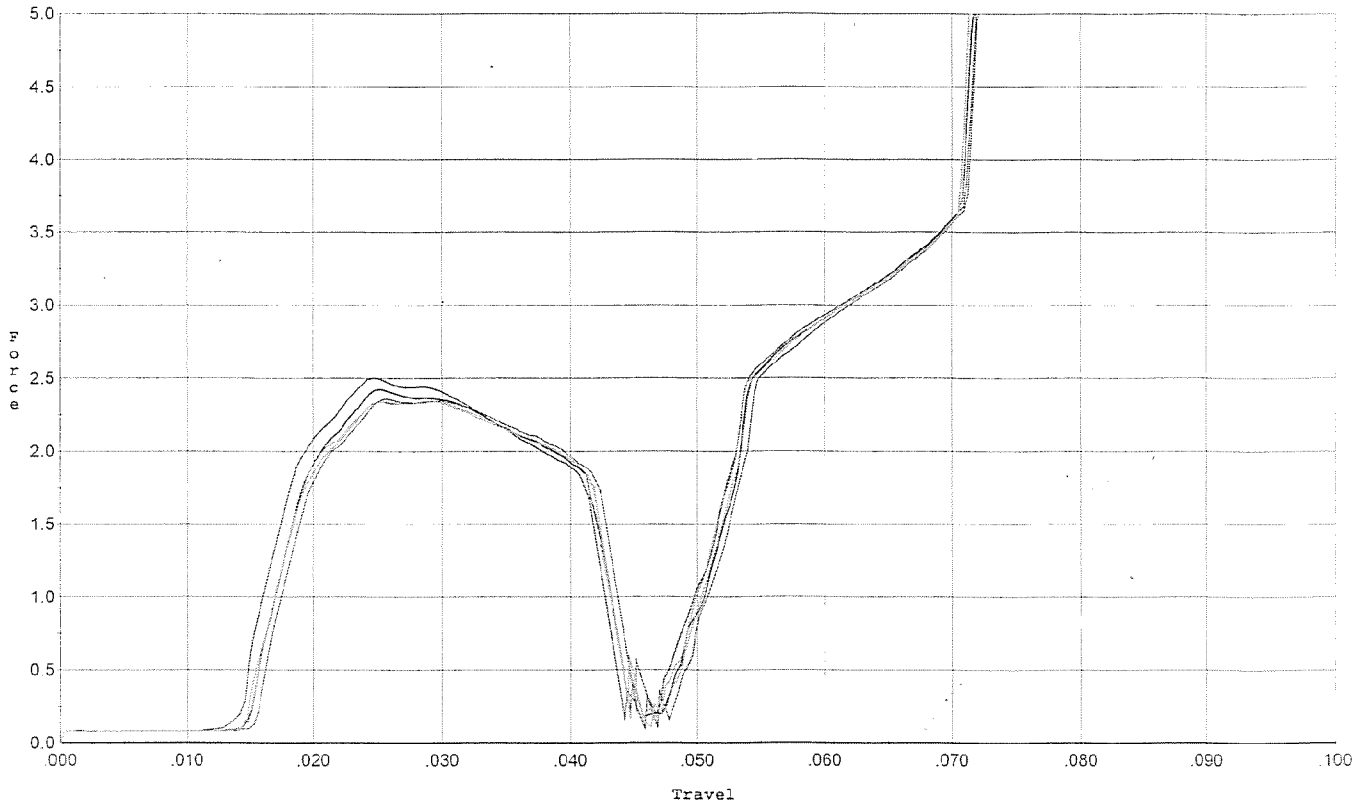
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.385	0.080	0.052	0.035	0.060		Set Trigger
2	2.433	0.078	0.051	0.035	0.060		Set Trigger
3	2.385	0.077	0.049	0.035	0.060		Set Trigger
4	2.415	0.076	0.049	0.034	0.058		Set Trigger
5	2.386	0.076	0.049	0.034	0.059		Set Trigger

2.40 Avg.

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: M. McKinney 10/7/06

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



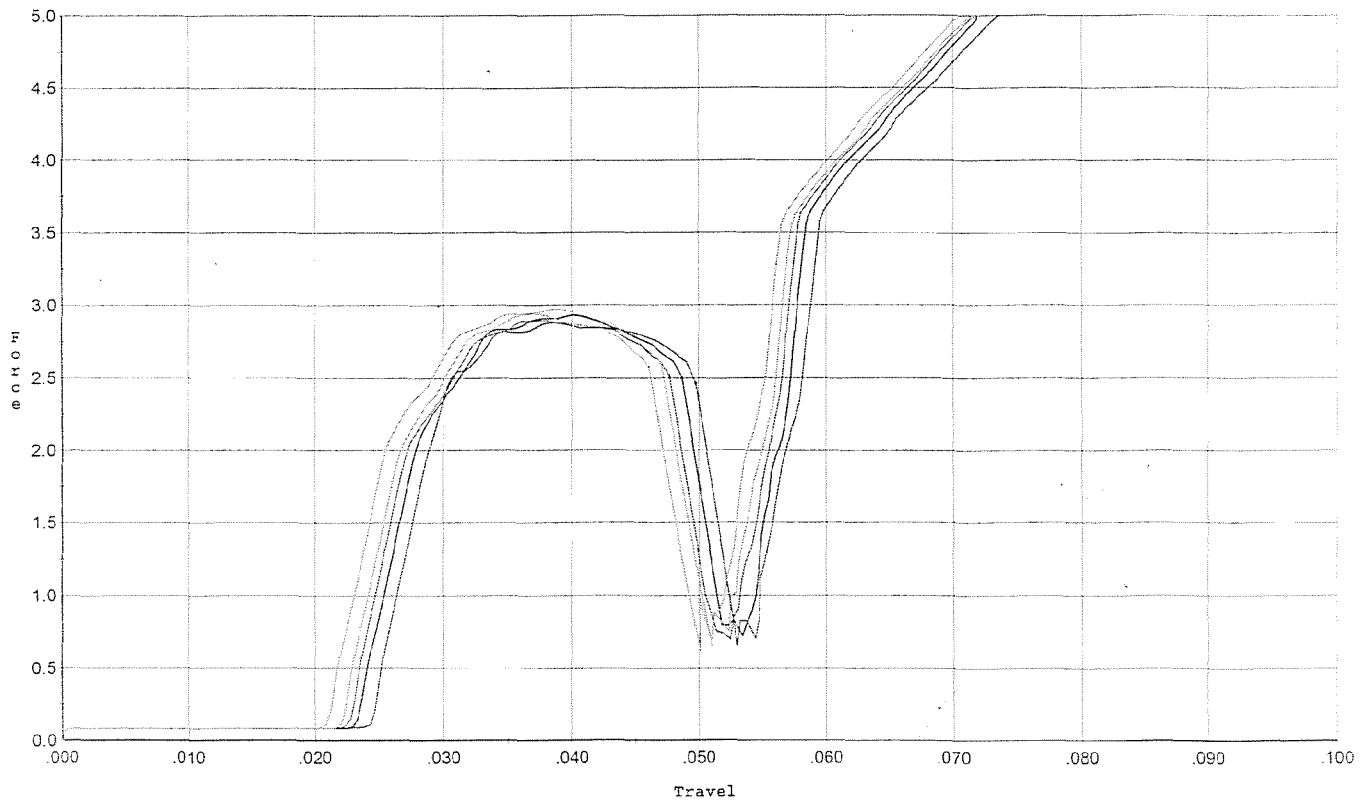
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.502	0.041	0.015	0.035	0.056		Set Trigger
2	2.424	0.042	0.015	0.034	0.055		Set Trigger
3	2.358	0.042	0.016	0.034	0.054		Set Trigger
4	2.345	0.042	0.015	0.034	0.054		Set Trigger
5	2.343	0.042	0.015	0.034	0.054		Set Trigger

2.39 Avg.

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: M. McKinney 10/7/06

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



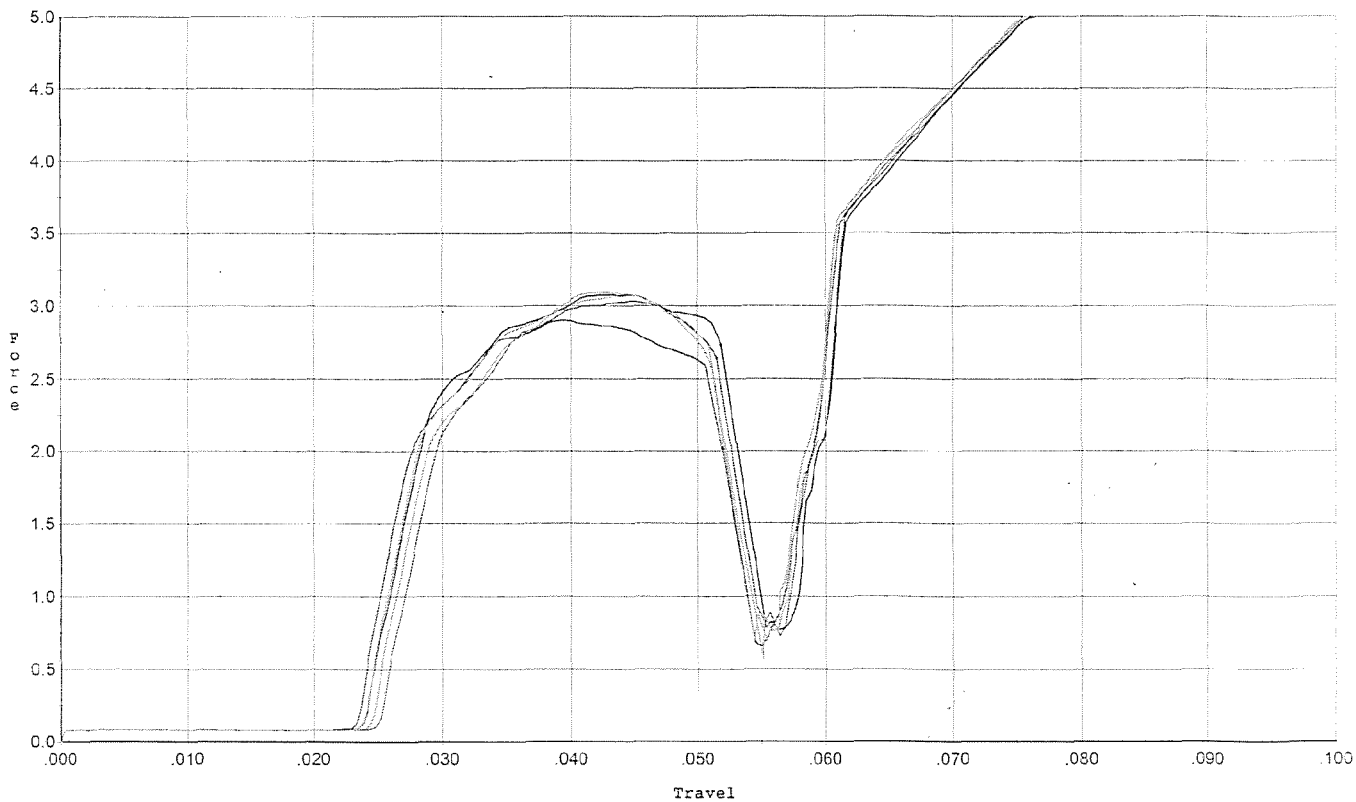
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.880	0.050	0.025	0.029	0.064		Set Trigger
2	2.933	0.049	0.024	0.029	0.064		Set Trigger
3	2.896	0.048	0.023	0.029	0.062		Set Trigger
4	2.974	0.047	0.022	0.029	0.063		Set Trigger
5	2.944	0.046	0.021	0.029	0.063		Set Trigger

2.92 Avg.

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: M. McKinney 10/7/06

Model: M/24
 Serial No: Form #F005
 Trigger: 3.0 lbs after 20 cycles



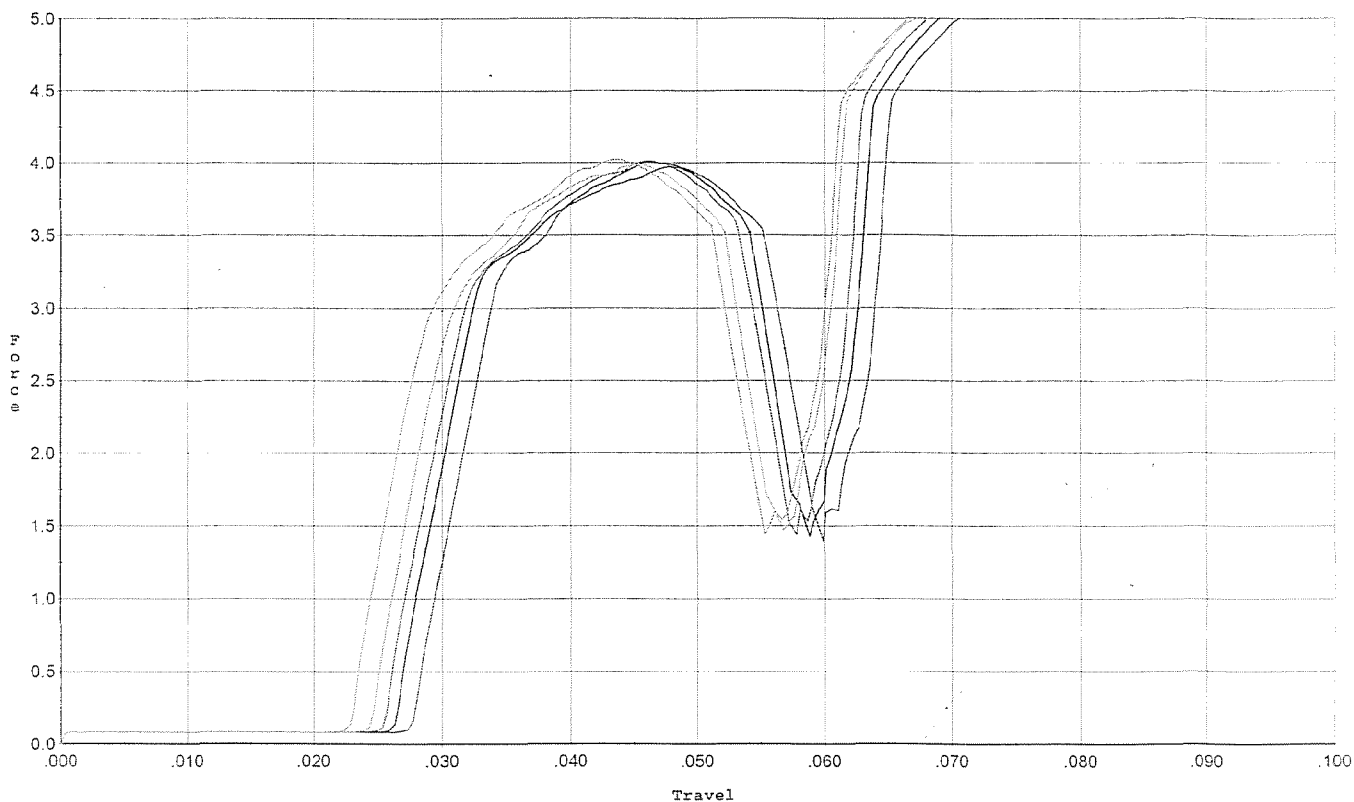
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.901	0.052	0.024	0.030	0.071		Set Trigger
2	3.078	0.052	0.024	0.029	0.074		Set Trigger
3	3.036	0.051	0.025	0.029	0.069		Set Trigger
4	3.081	0.051	0.024	0.029	0.071		Set Trigger
5	3.093	0.051	0.025	0.029	0.069		Set Trigger

304 Aug.

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: M. McKinney 10/7/06

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



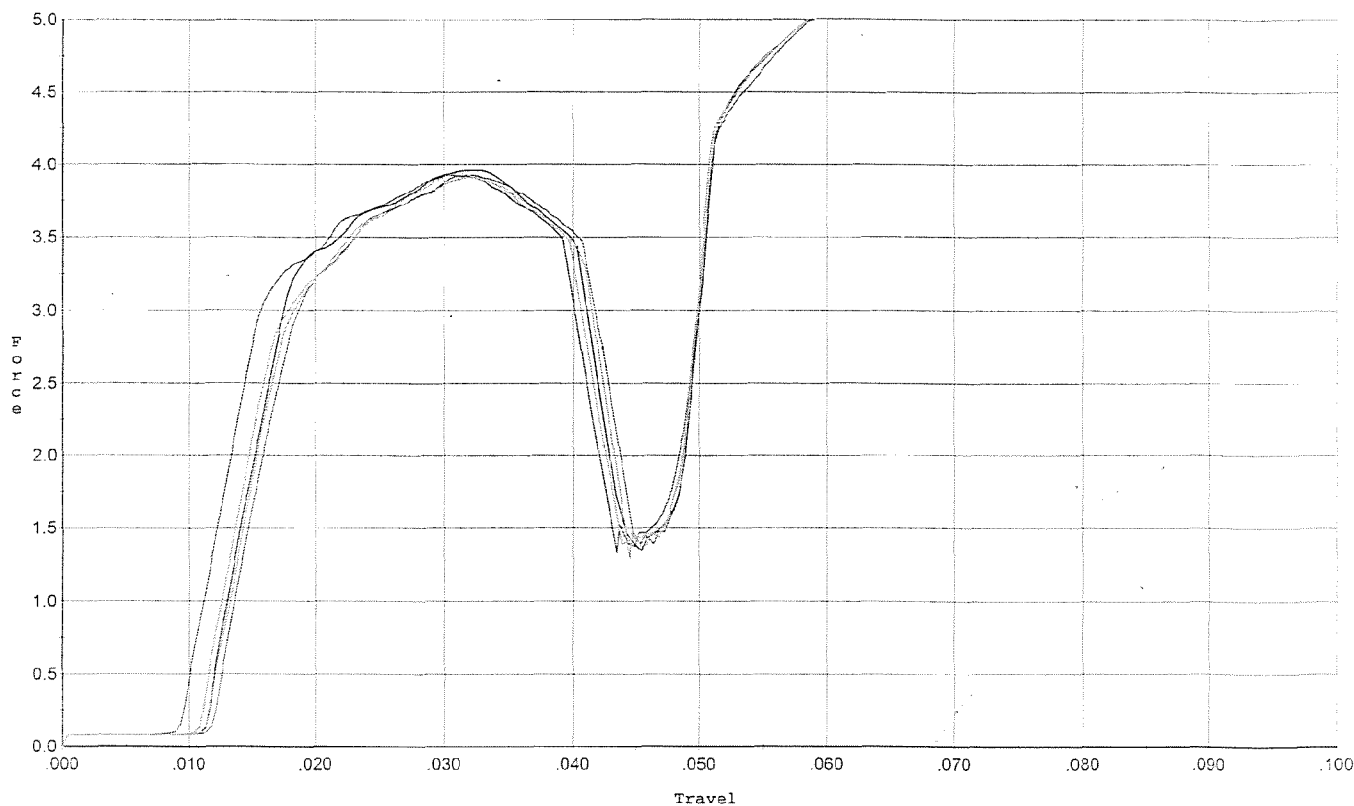
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.972	0.057	0.028	0.029	0.096		Set Trigger
2	4.008	0.054	0.027	0.028	0.094		Set Trigger
3	4.013	0.055	0.026	0.028	0.096		Set Trigger
4	3.988	0.052	0.025	0.027	0.093		Set Trigger
5	4.023	0.051	0.023	0.027	0.095		Set Trigger

7.00 Avg.

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: M. McKinney 10/7/06

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



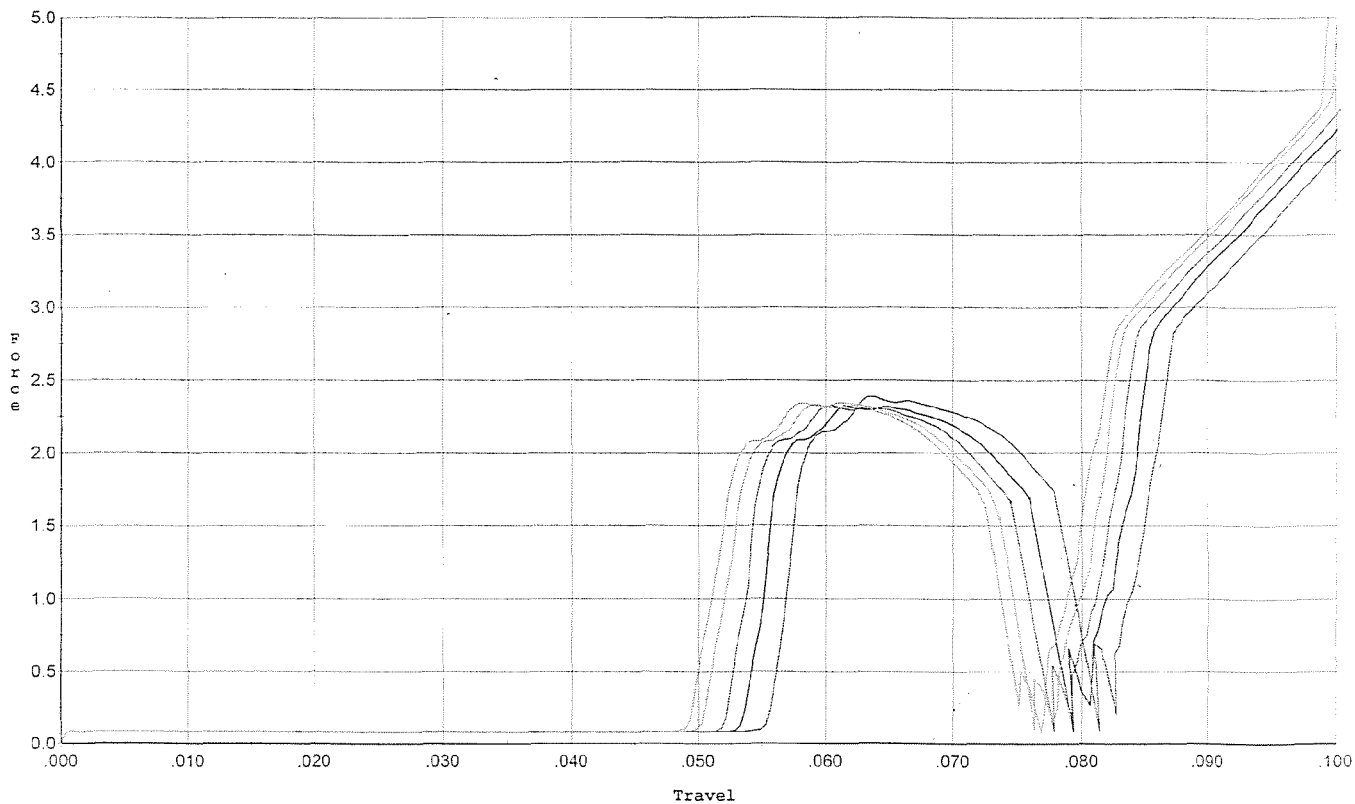
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.924	0.039	0.010	0.027	0.094		Set Trigger
2	3.959	0.040	0.012	0.026	0.093		Set Trigger
3	3.926	0.042	0.012	0.025	0.095		Set Trigger
4	3.942	0.040	0.011	0.026	0.091		Set Trigger
5	3.909	0.041	0.012	0.025	0.093		Set Trigger

3.93 Avg.

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: M. McKinney 10/7/06

Model: M/24
Serial No: Form #F005
Trigger: Final test & Reset 2.5 lbs.



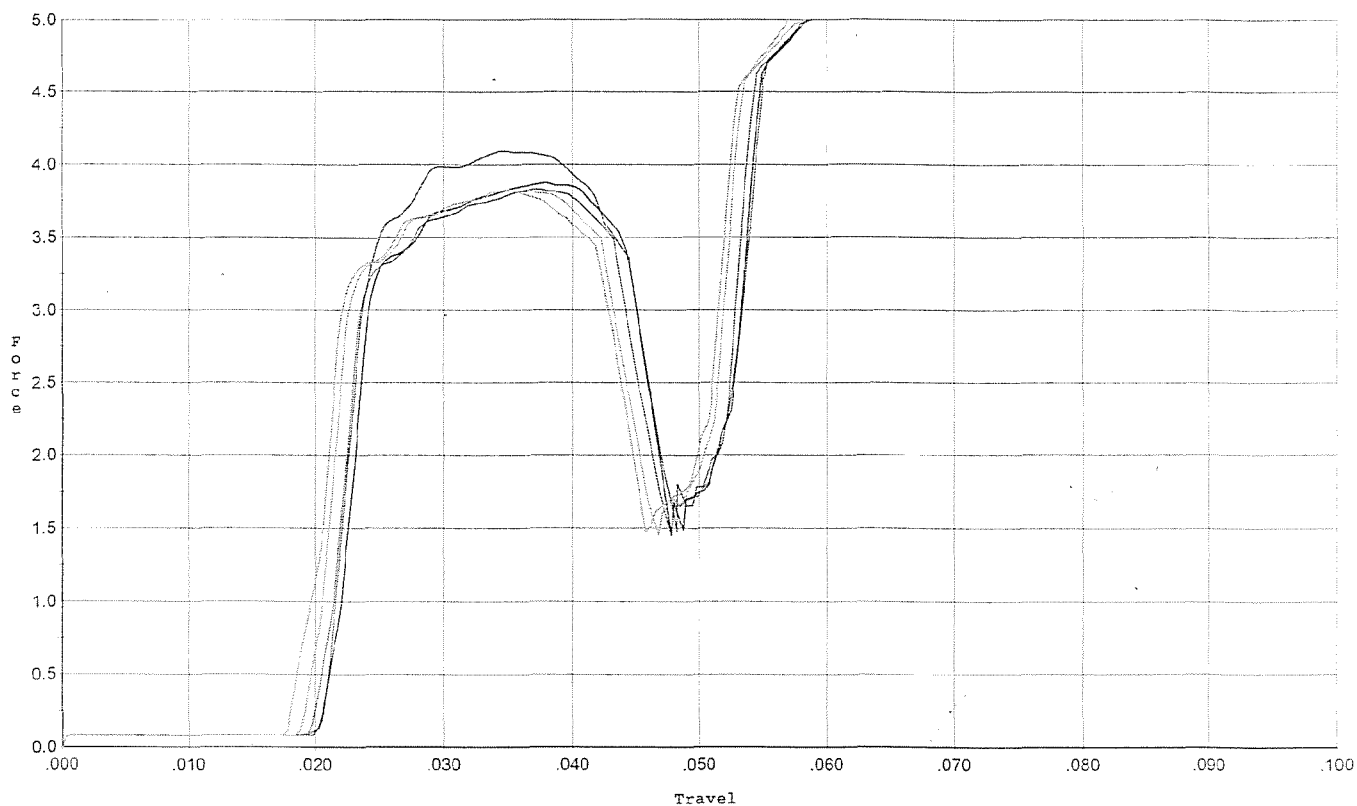
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.388	0.080	0.056	0.033	0.053		Set Trigger
2	2.326	0.076	0.054	0.033	0.050		Set Trigger
3	2.328	0.074	0.052	0.034	0.050		Set Trigger
4	2.330	0.074	0.051	0.034	0.051		Set Trigger
5	2.345	0.073	0.050	0.034	0.051		Set Trigger

2.35 Avg.

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: M. McKinney 10/7/06

Model: M/24
Serial No: Form #F005
Trigger: Reset to 4.0 lbs for target



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.093	0.044	0.021	0.023	0.086		Set Trigger
2	3.873	0.044	0.020	0.024	0.081		Set Trigger
3	3.831	0.043	0.020	0.024	0.079		Set Trigger
4	3.839	0.044	0.019	0.024	0.082		Set Trigger
5	3.822	0.043	0.018	0.024	0.081		Set Trigger

3.89 Avg.

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6605338.__0
FILE DATE AND TIME: 10/23/2006 07:26

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.020
The Average Y Centroid of the Five Target Set:	0.046
The Average Point of Impact of the Five Target Set:	0.050
The Average Mean Radius of the Five Target Set:	0.767
The Distance from POA to Centroid Target #1:	0.113
The Distance from Centroid Target #2 to Centroid Target #1:	0.161
The Distance from Centroid Target #3 to Centroid Target #1:	0.252
The Distance from Centroid Target #4 to Centroid Target #1:	0.057
The Distance from Centroid Target #5 to Centroid Target #1:	0.157

SERIAL NUMBER: G6605338. 0

TARGET NUMBER: 1

FILE DATE: 10/23/2006

FILE TIME: 07:26

POINT#	X	Y
1:	0.582	-1.247
2:	-0.618	-0.713
3:	-0.594	-0.172
4:	0.225	0.830
5:	-0.122	1.603
6:	0.605	0.440
7:	0.447	0.034
8:	0.048	0.203
9:	0.149	-0.018
10:	-0.046	-0.060

X CENTROID: 0.068

Y CENTROID: 0.090

POA TO CENTROID: 0.113

HORZ SPREAD: 1.223

VERT SPREAD: 2.850

GROUP SPREAD: 2.936

MIN RADIUS: 0.115

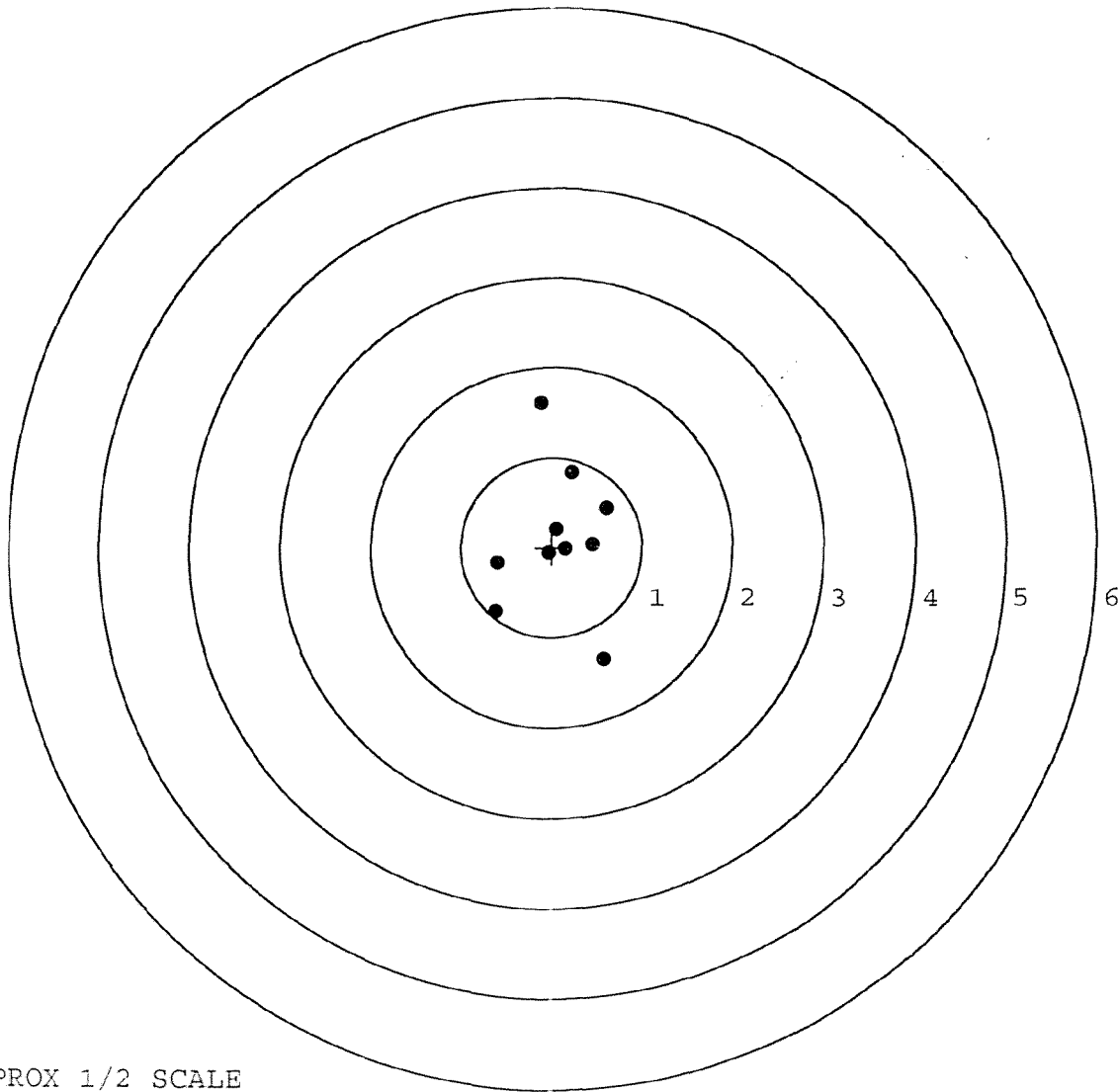
MAX RADIUS: 1.525

MEAN RADIUS: 0.694

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0133295

SERIAL NUMBER: G6605338. __0

TARGET NUMBER: 2

FILE DATE: 10/23/2006

FILE TIME: 07:26

POINT#	X	Y
1:	1.010	-1.138
2:	0.758	0.074
3:	0.062	0.276
4:	-0.150	-0.177
5:	-0.092	-0.385
6:	-0.361	-0.612
7:	-0.002	1.418
8:	-0.880	0.688
9:	-1.101	0.662
10:	-0.128	-0.308

X CENTROID: -0.088

Y CENTROID: 0.050

POA TO CENTROID: 0.101

HORZ SPREAD: 2.111

VERT SPREAD: 2.556

GROUP SPREAD: 2.774

MIN RADIUS: 0.235

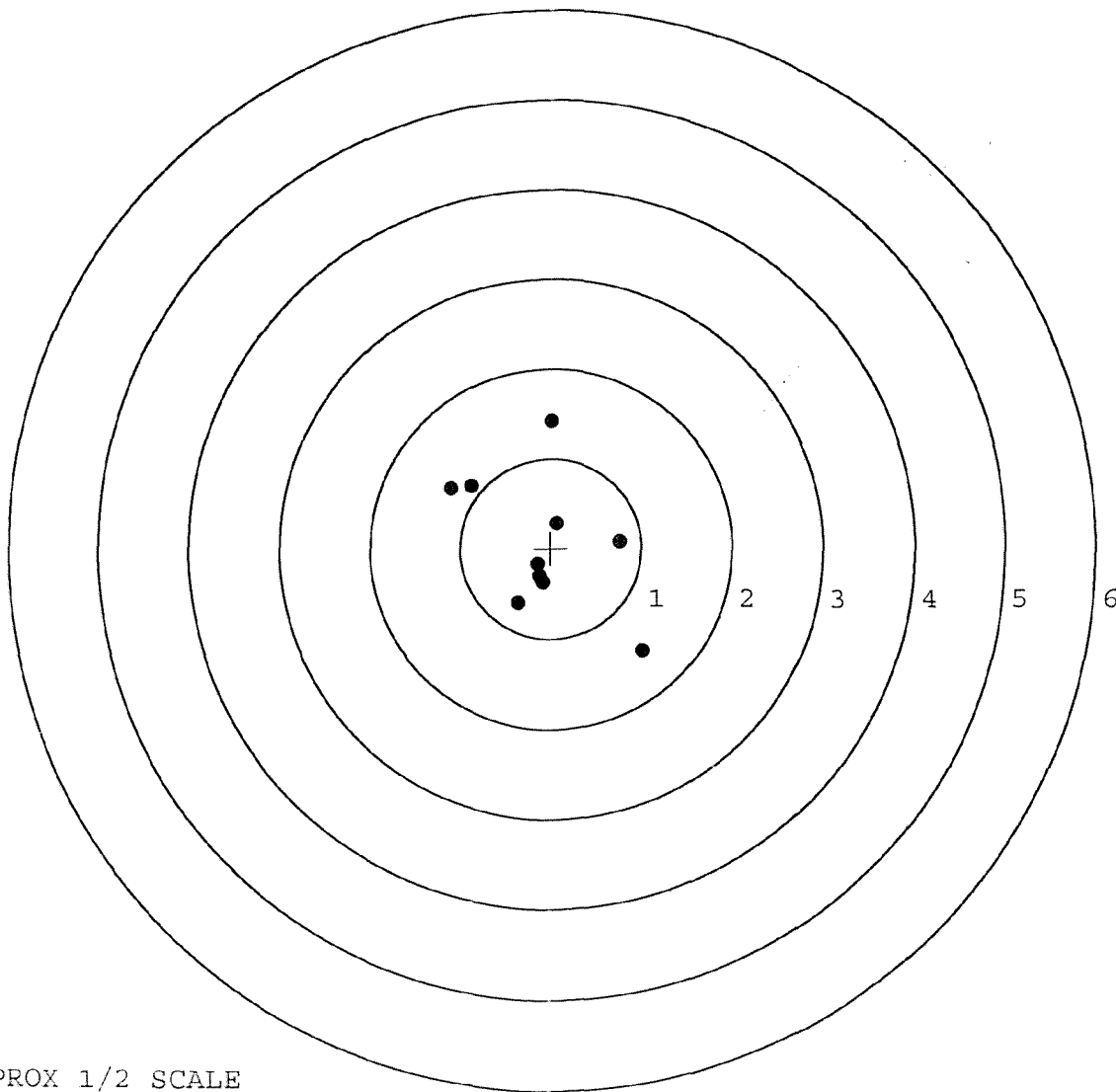
MAX RADIUS: 1.618

MEAN RADIUS: 0.805

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

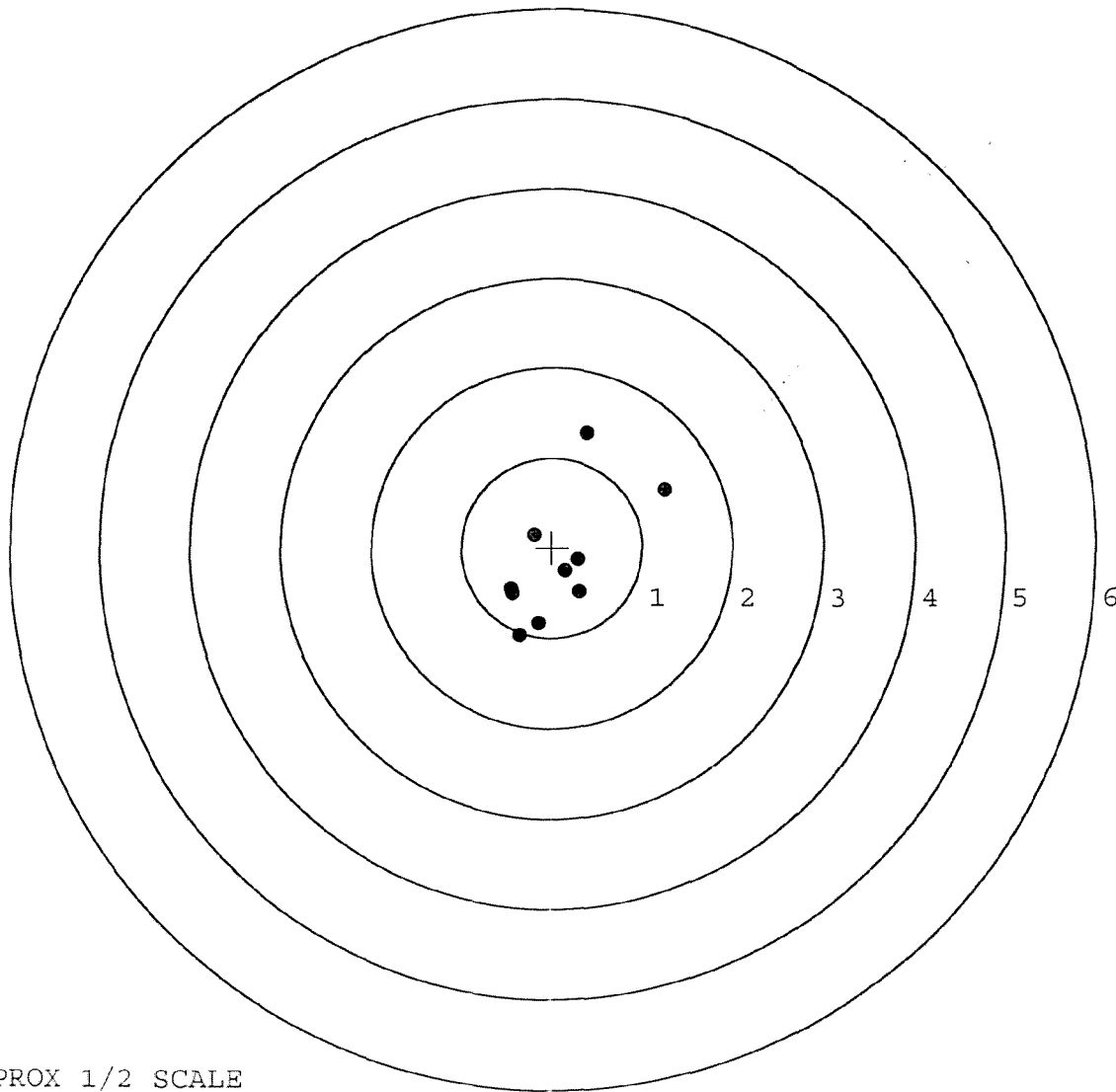
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0133296

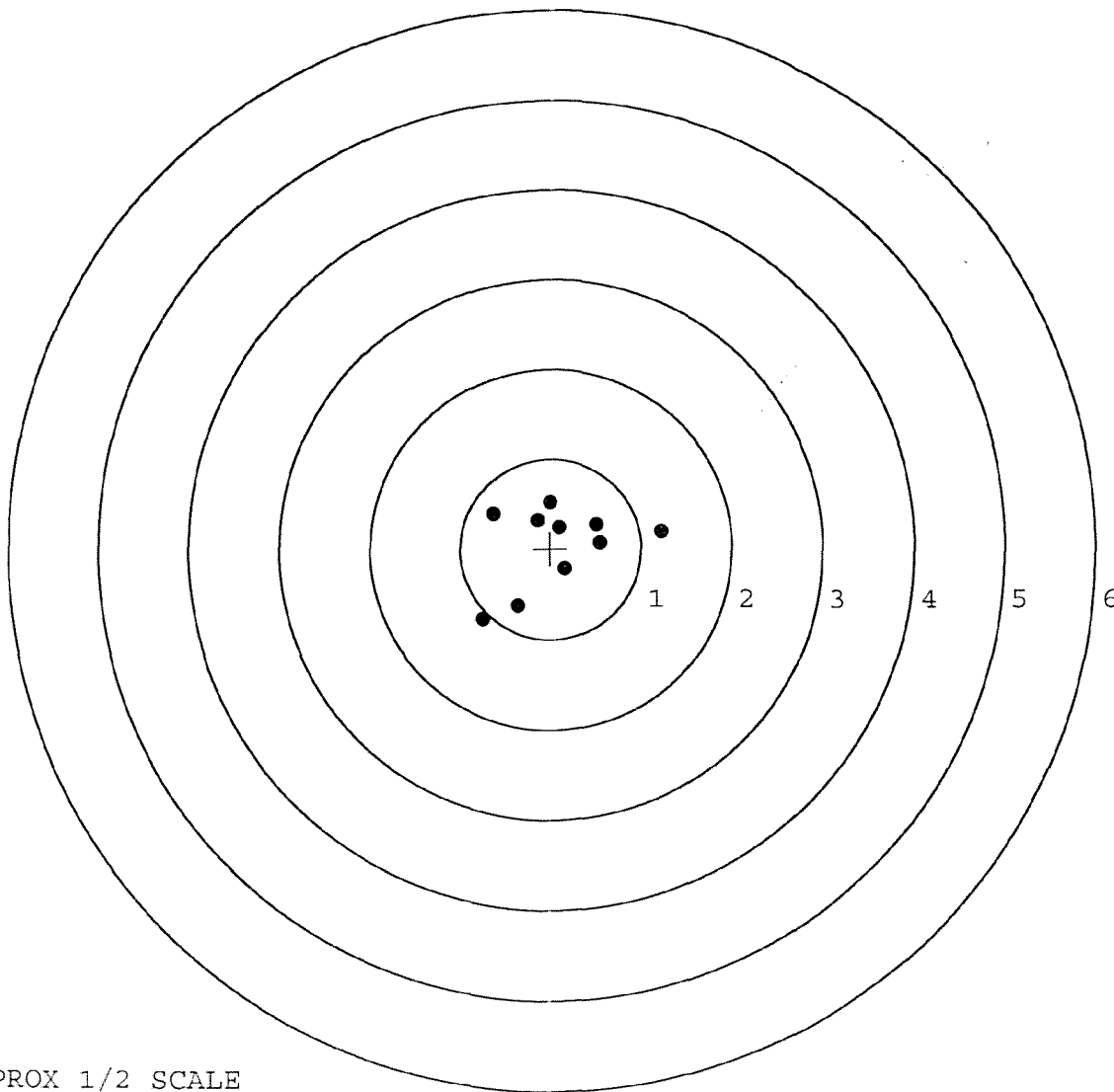
SERIAL NUMBER: G6605338. __0	POINT#	X	Y
TARGET NUMBER: 3	1:	1.240	0.646
FILE DATE: 10/23/2006	2:	0.381	1.278
FILE TIME: 07:26	3:	-0.197	0.143
	4:	-0.450	-0.458
X CENTROID: 0.080	5:	-0.356	-0.978
Y CENTROID: -0.162	6:	-0.151	-0.843
POA TO CENTROID: 0.181	7:	0.313	-0.498
HORZ SPREAD: 1.690	8:	0.299	-0.138
VERT SPREAD: 2.256	9:	0.156	-0.262
GROUP SPREAD: 2.373	10:	-0.435	-0.510
MIN RADIUS: 0.126			
MAX RADIUS: 1.471			
MEAN RADIUS: 0.692			
# IN 1 IN DIAMETER: 4			
# IN 2 IN DIAMETER: 8			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

BARBER - M24 0133297

SERIAL NUMBER: G6605338. __0	POINT#	X	Y
TARGET NUMBER: 4	1:	1.217	0.194
FILE DATE: 10/23/2006	2:	0.502	0.270
FILE TIME: 07:26	3:	0.540	0.070
	4:	0.095	0.234
X CENTROID: 0.060	5:	-0.012	0.514
Y CENTROID: 0.034	6:	0.161	-0.232
POA TO CENTROID: 0.069	7:	-0.365	-0.634
HORZ SPREAD: 1.967	8:	-0.750	-0.782
VERT SPREAD: 1.296	9:	-0.637	0.390
GROUP SPREAD: 2.196	10:	-0.151	0.316
MIN RADIUS: 0.203			
MAX RADIUS: 1.168			
MEAN RADIUS: 0.620			
# IN 1 IN DIAMETER: 5			
# IN 2 IN DIAMETER: 8			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

BARBER - M24 0133298

SERIAL NUMBER: G6605338. __0

TARGET NUMBER: 5

FILE DATE: 10/23/2006

FILE TIME: 07:26

POINT#	X	Y
1:	1.384	1.304
2:	0.471	1.239
3:	0.782	-0.082
4:	0.405	-0.396
5:	0.562	-0.837
6:	-0.185	-0.449
7:	-0.614	-0.068
8:	-0.796	0.198
9:	-0.995	0.394
10:	-1.231	0.886

X CENTROID: -0.022

Y CENTROID: 0.219

POA TO CENTROID: 0.220

HORZ SPREAD: 2.615

VERT SPREAD: 2.141

GROUP SPREAD: 2.648

MIN RADIUS: 0.658

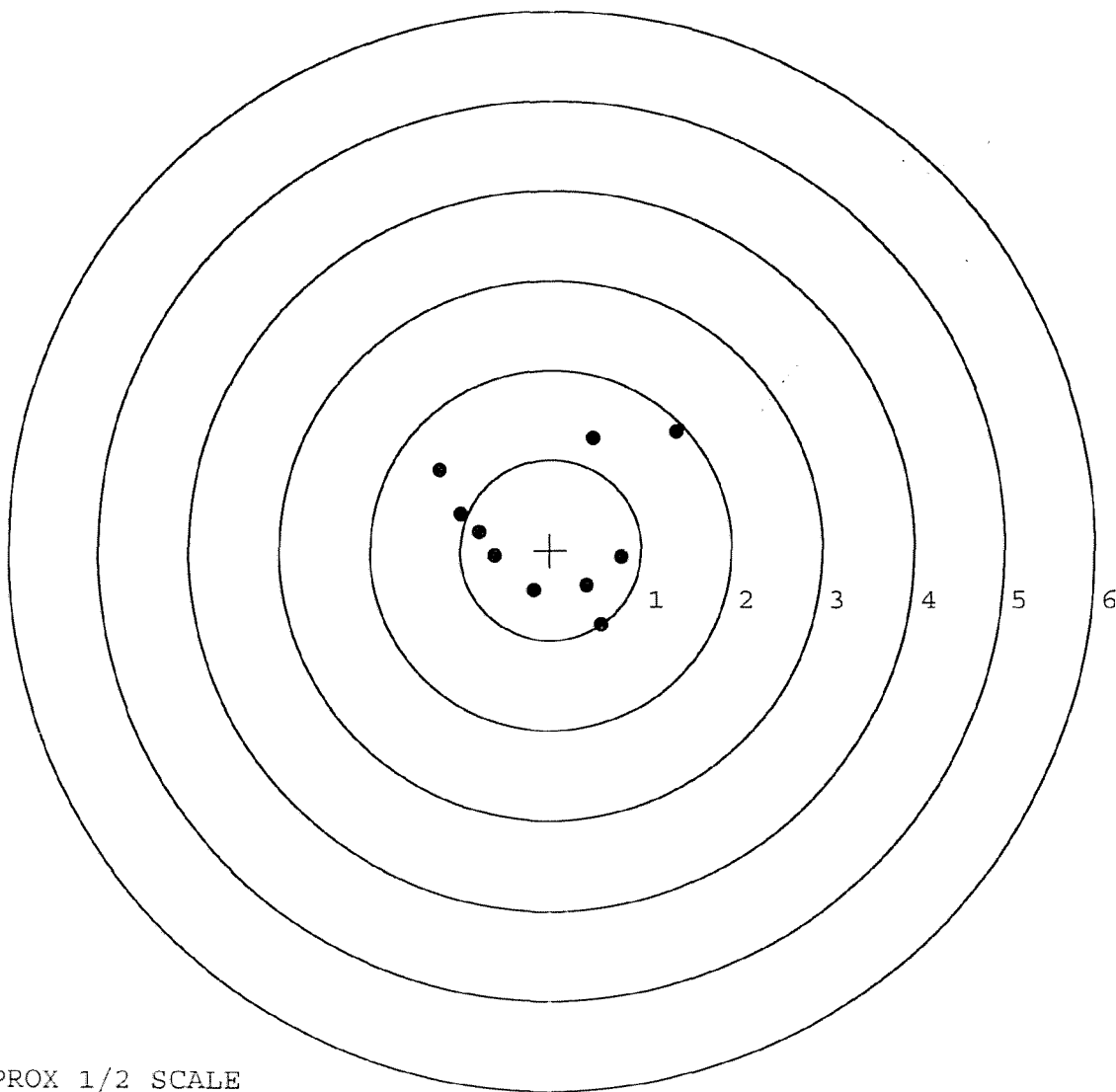
MAX RADIUS: 1.776

MEAN RADIUS: 1.021

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE