

G6605477

ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYST
UPC



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UPC



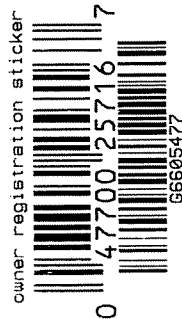
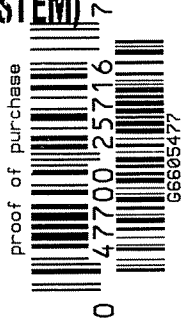
SERIAL NO.



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

- INSTRUCTION BOOK 3518

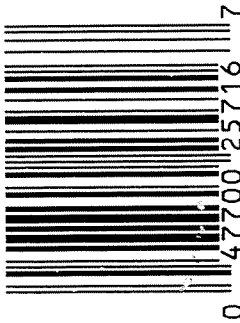
DD FORM



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6605477

UPC



M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6605477

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		10-23-06	RTZ
420	ASSEMBLE ACTION		10-23-06	BLG
430	ASSEMBLE TO STOCK		11-21-06	SD
440	PROOF	MAGNA-FLUX	11-21-06	SPD
460	CHECK HEADSPACE	INSPECTED	11-21-06	SD
470	DIS-ASSEMBLE ACTION	NOV 29 2006	11-27-06	BLG
480	MAGNAFLUX BBL ACTION	OPERATOR <u>unms</u>	11/29/06	<u>unms</u>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		11-29-06	CW
510	DRILL AND TAP SIGHT HOLES		11-28-06	SD
520	GOFF BLAST BBL / REC		11/29/06	RC
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		12/5/06	FB
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		12-7-06	RTZ
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		12-7-06	RTZ
	C) INSPECT EJECTOR HOLE FOR CHAMFER		12-7-06	RTZ
	D) OIL FIRING PIN ASSEMBLY		12-7-06	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

F004 REV 5/2006

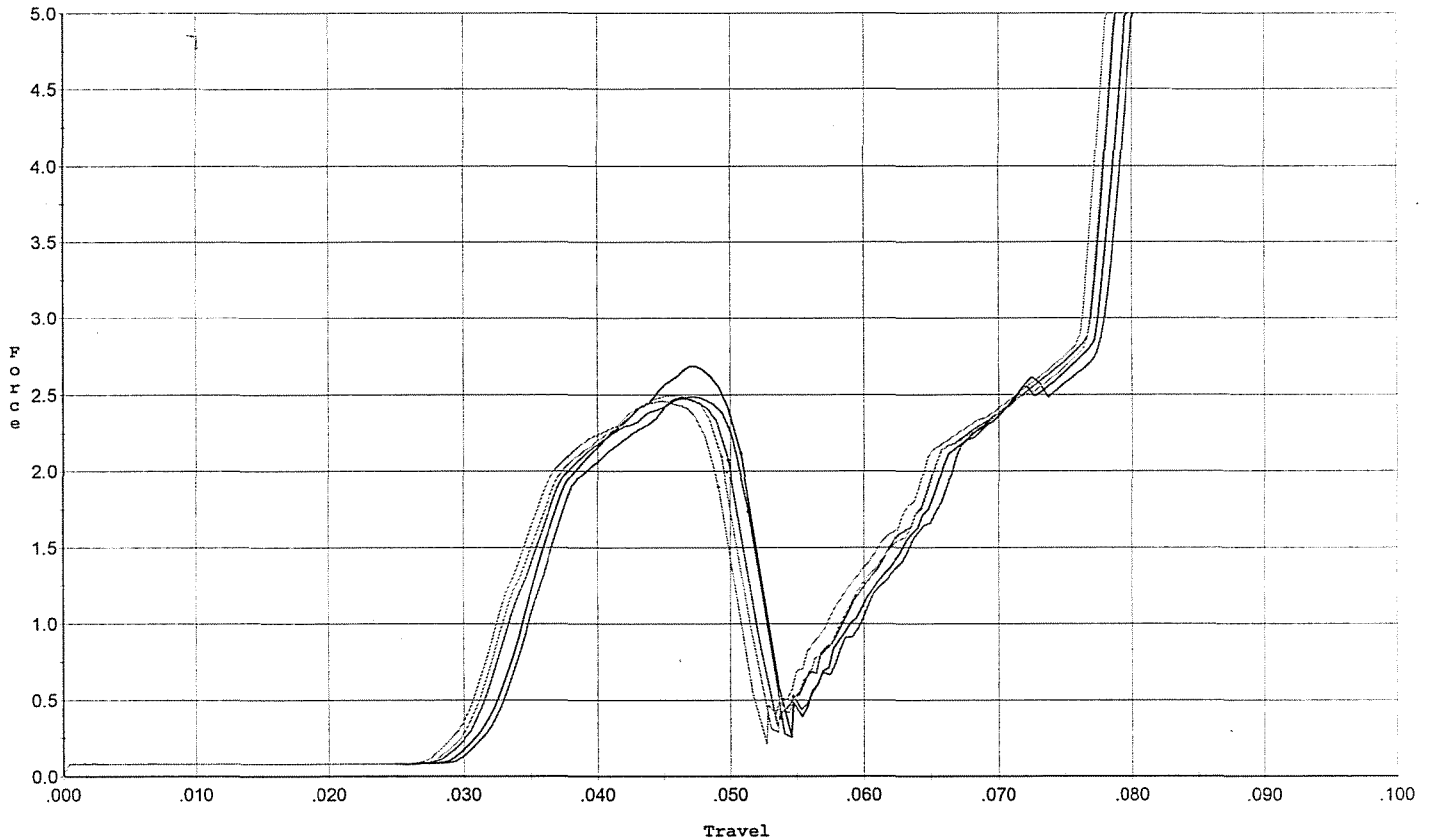
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>40</u> <u>40</u> <u>40</u>	12-14-06	SD
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>50</u> <u>50</u> <u>50</u>	12-14-06	SD
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.025</u> <u>.025</u> <u>.025</u>	12-14-06	SD
	J) ASSEMBLE STOCK		12-7-06	RTZ
	K) ASSEMBLE SWIVEL STUDS		12-15-06	BLG
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		12-15-06	BLG
	M) IRON SIGHT ALIGNMENT		12-15-06	BLG
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		12-15-06	BLG
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	12-9-06	APD
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		12-14-06	nom
670	FINAL INSPECTION A) HEADSPACE		12-15-06	BLG
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.39</u> <u>2.33</u> <u>2.05</u> <u>2.35</u> <u>2.39</u>	12-14-06	BLG
	C) FUNCTION		12-15-06	BLG
690	PACK		1-30-07	DA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 12/01/06

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



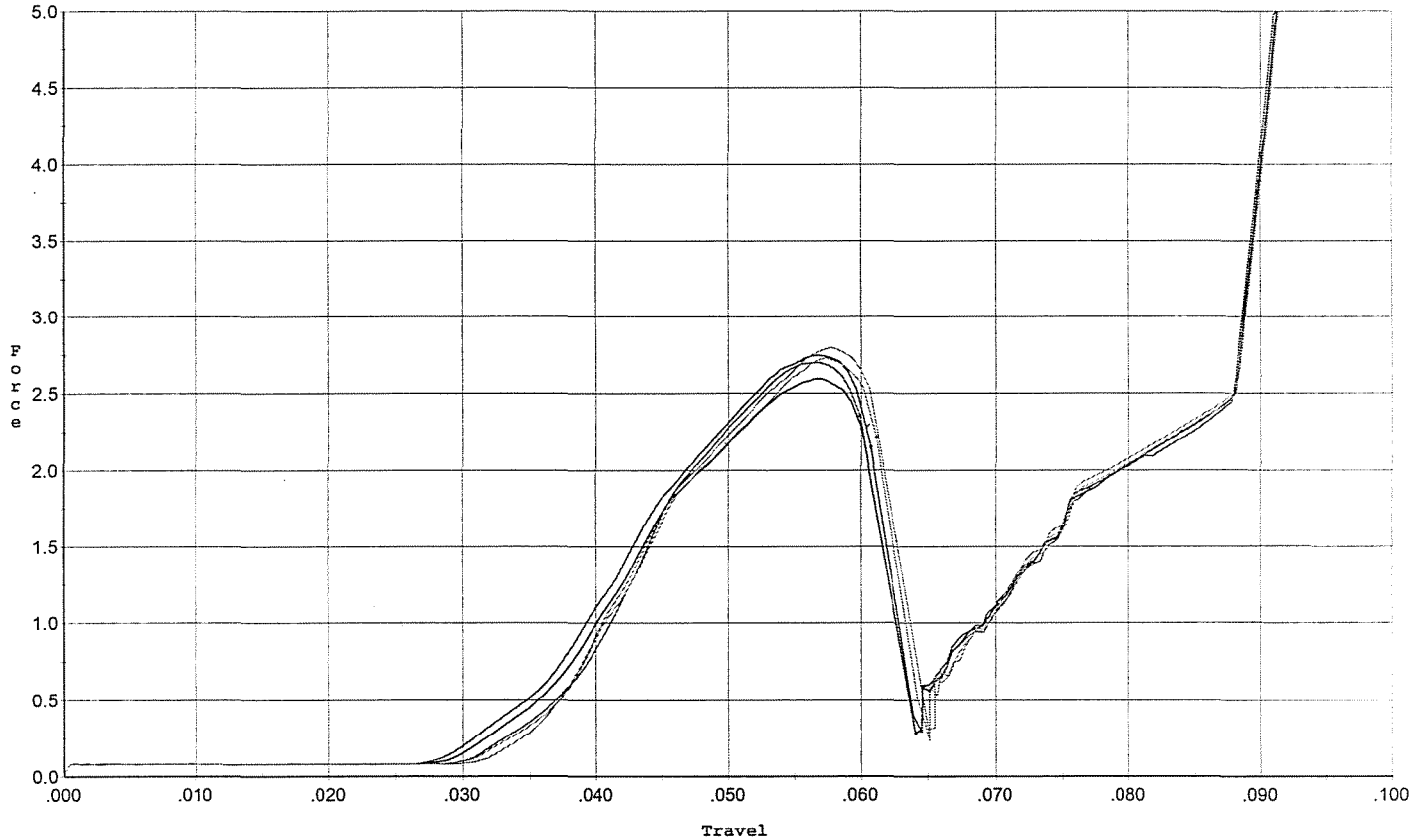
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.487	0.051	0.032	0.035	0.040		Set Trigger
2	2.686	0.051	0.032	0.034	0.042		Set Trigger
3	2.476	0.050	0.031	0.034	0.040		Set Trigger
4	2.495	0.049	0.030	0.034	0.040		Set Trigger
5	2.460	0.049	0.030	0.034	0.040		Set Trigger

2.52 Aug

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 12/01/06

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



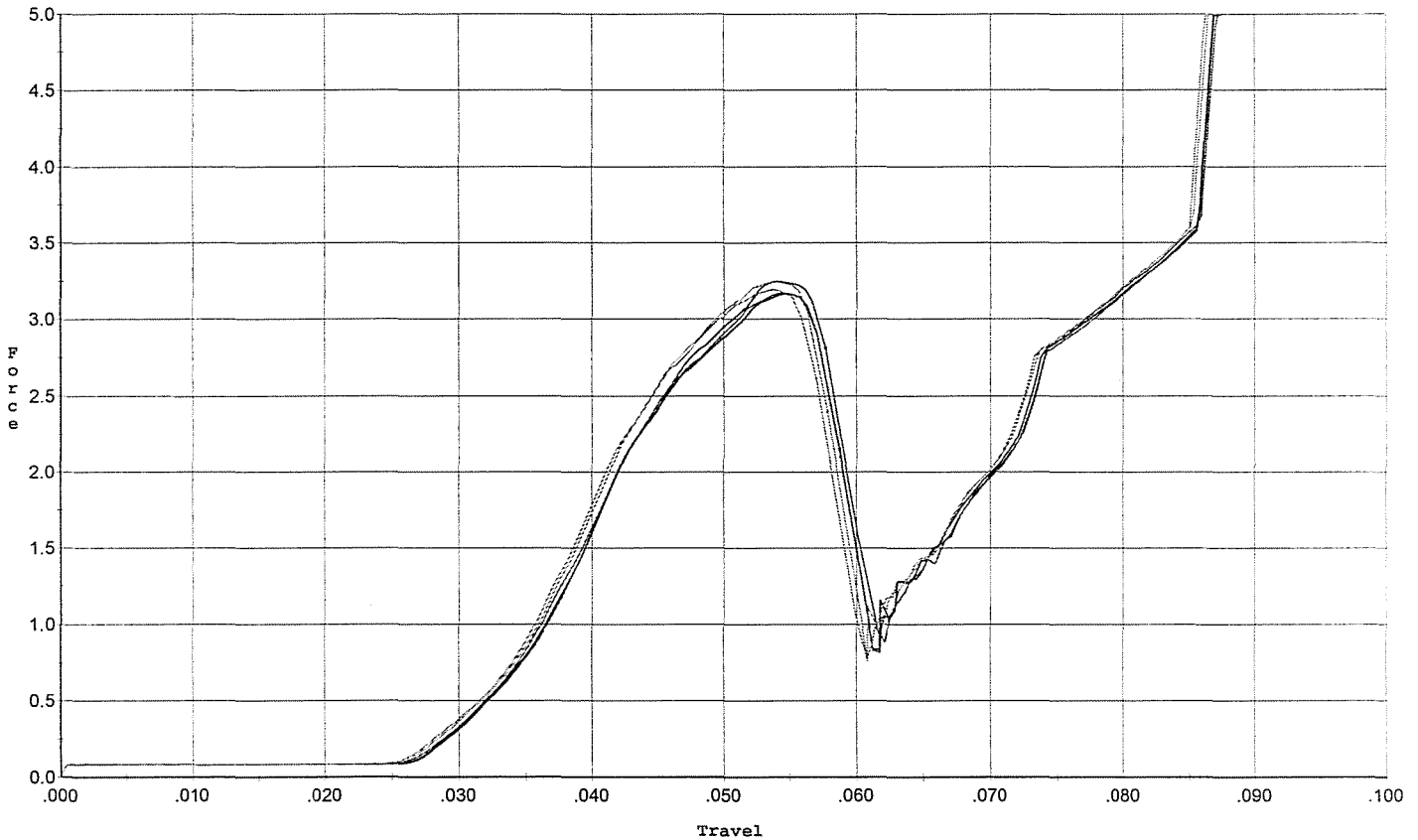
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.747	0.061	0.038	0.037	0.055		Set Trigger
2	2.593	0.060	0.039	0.037	0.050		Set Trigger
3	2.699	0.060	0.040	0.037	0.050		Set Trigger
4	2.729	0.061	0.039	0.037	0.052		Set Trigger
5	2.801	0.063	0.038	0.036	0.054		Set Trigger

AUG 2.71

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 12/01/06

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



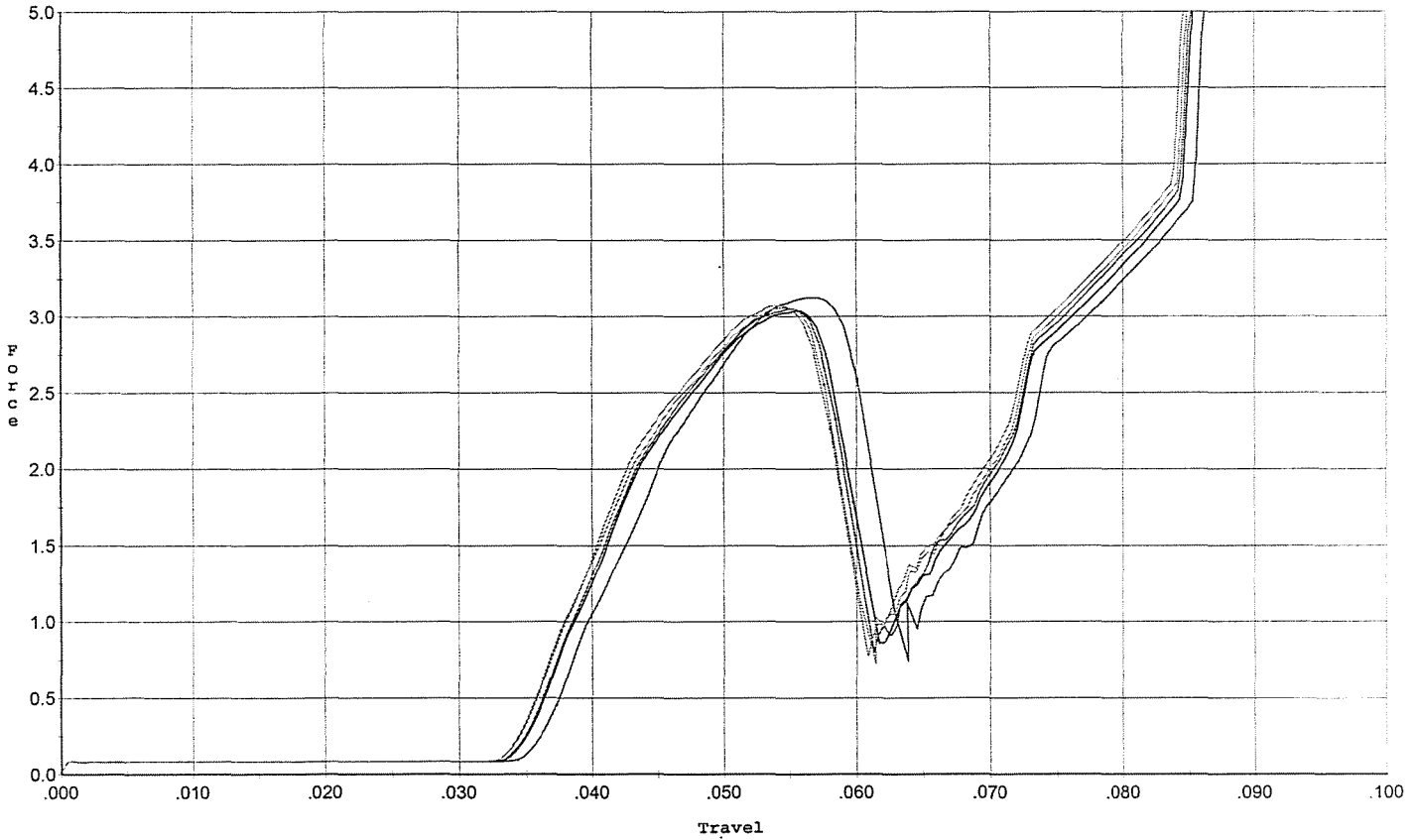
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.249	0.058	0.036	0.034	0.062		Set Trigger
2	3.171	0.059	0.036	0.034	0.062		Set Trigger
3	3.172	0.059	0.035	0.034	0.062		Set Trigger
4	3.246	0.058	0.035	0.034	0.063		Set Trigger
5	3.195	0.057	0.035	0.034	0.061		Set Trigger

Aug 3.20

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 12/01/06

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



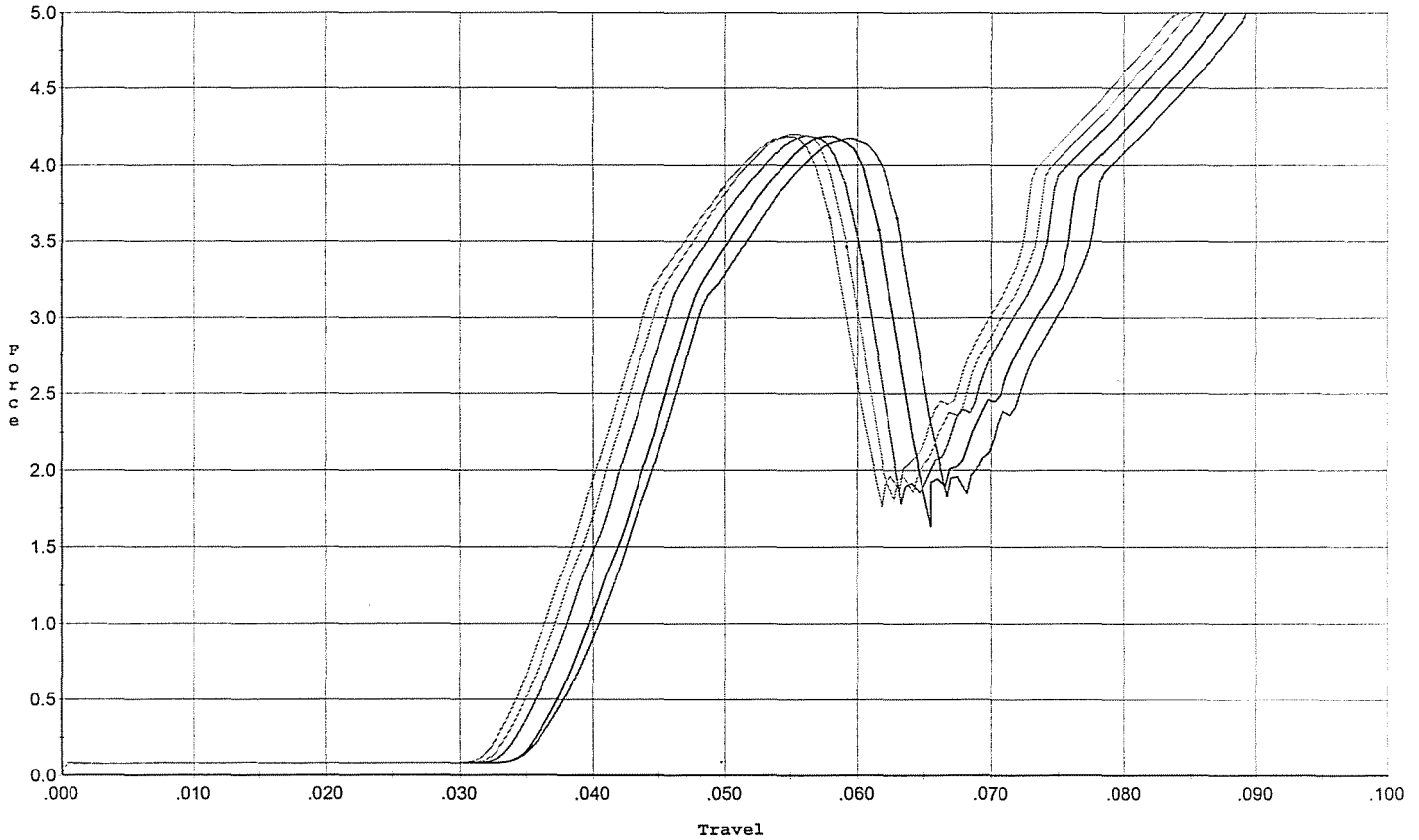
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.126	0.060	0.037	0.032	0.057		Set Trigger
2	3.036	0.060	0.036	0.033	0.056		Set Trigger
3	3.050	0.058	0.035	0.033	0.055		Set Trigger
4	3.057	0.058	0.035	0.033	0.054		Set Trigger
5	3.073	0.058	0.035	0.033	0.055		Set Trigger

Avg 3.06

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 12/01/06

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



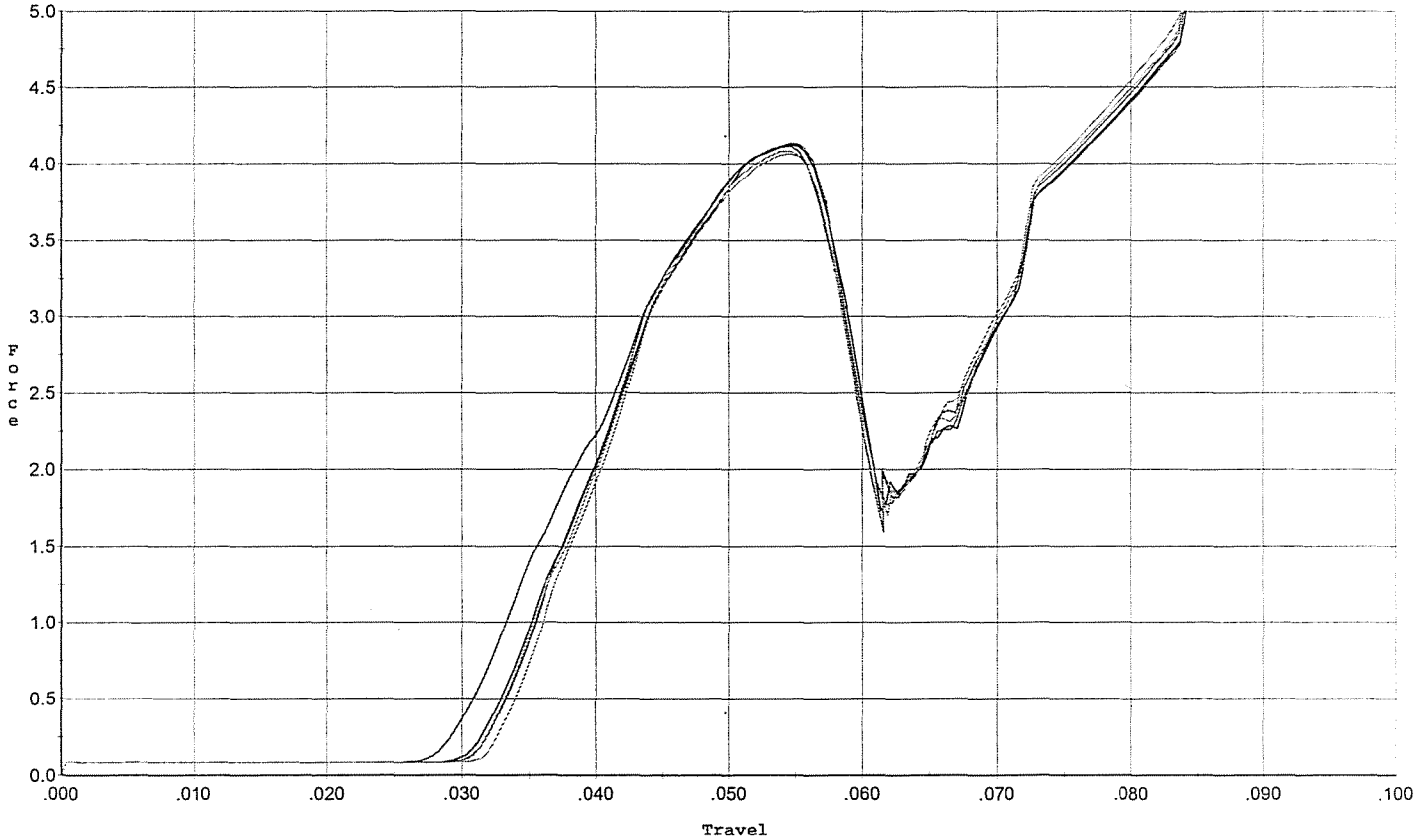
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.169	0.063	0.037	0.030	0.081		Set Trigger
2	4.185	0.062	0.036	0.030	0.078		Set Trigger
3	4.190	0.060	0.034	0.030	0.079		Set Trigger
4	4.199	0.059	0.034	0.030	0.079		Set Trigger
5	4.182	0.058	0.033	0.030	0.077		Set Trigger

Aug 4.18

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 12/01/06

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



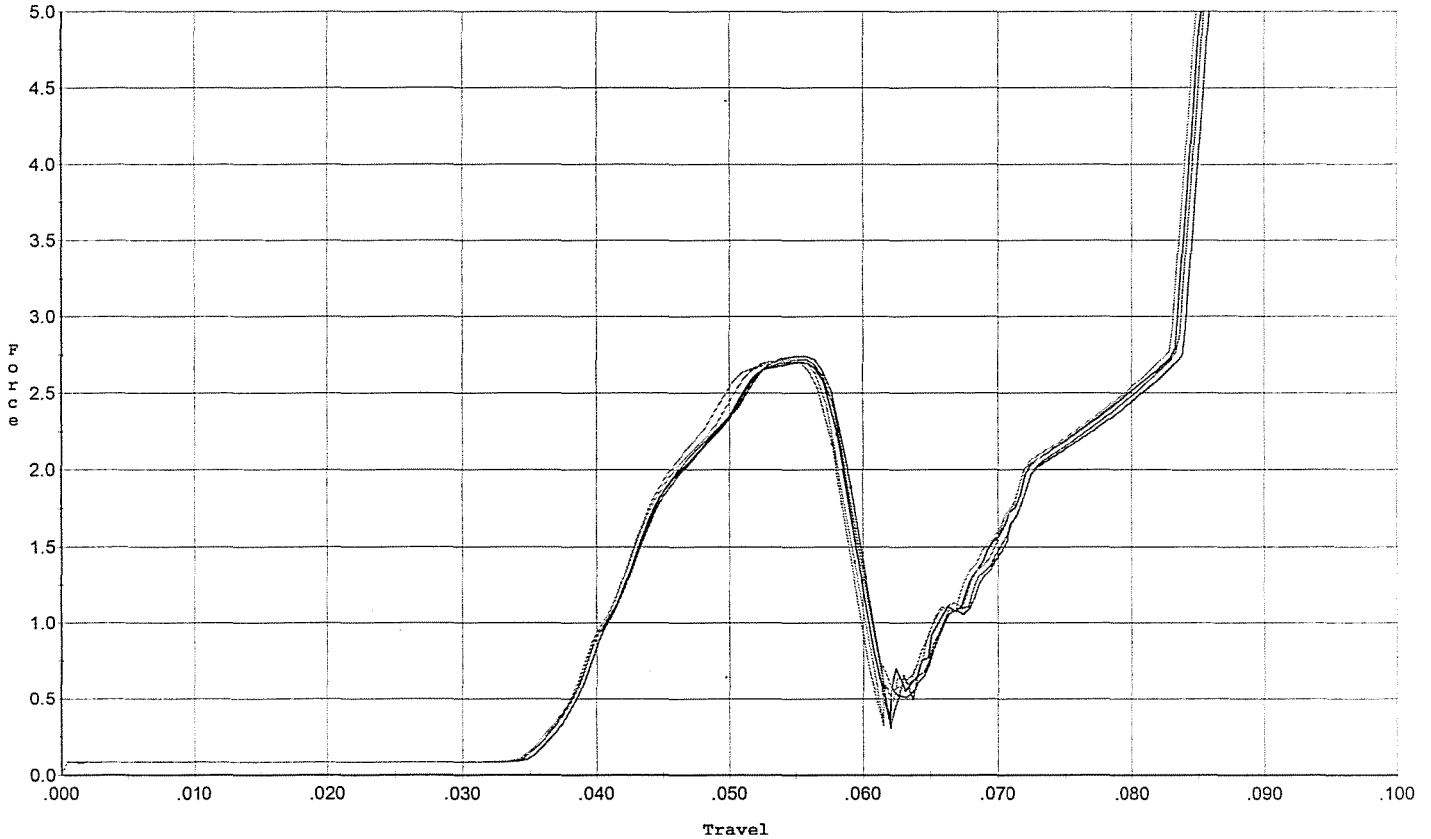
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.115	0.058	0.030	0.030	0.081		Set Trigger
2	4.123	0.059	0.032	0.030	0.079		Set Trigger
3	4.134	0.057	0.032	0.031	0.077		Set Trigger
4	4.061	0.058	0.032	0.030	0.076		Set Trigger
5	4.082	0.058	0.033	0.030	0.075		Set Trigger

AVG 4.10

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 12/01/06

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



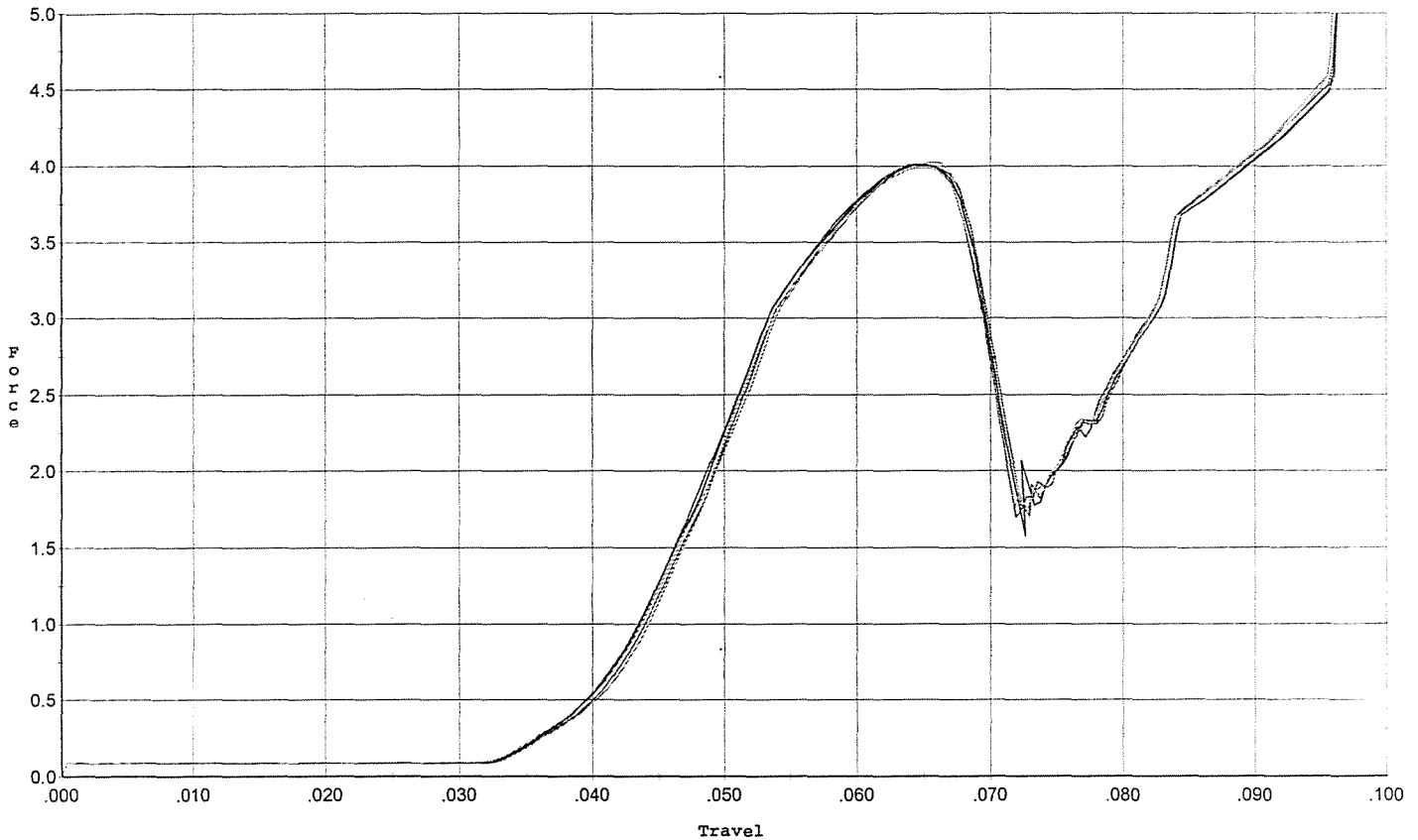
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.741	0.059	0.038	0.034	0.046		Set Trigger
2	2.699	0.058	0.038	0.034	0.045		Set Trigger
3	2.719	0.058	0.038	0.034	0.045		Set Trigger
4	2.713	0.059	0.038	0.033	0.047		Set Trigger
5	2.723	0.058	0.038	0.034	0.045		Set Trigger

Aug 2.71

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 12/01/06

Model: M/24
Serial No: Form #F005
Trigger: set to 4.0 lbs. for target & accuracy



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.012	0.069	0.042	0.032	0.088		Set Trigger
2	4.010	0.069	0.042	0.032	0.087		Set Trigger
3	4.001	0.070	0.043	0.032	0.088		Set Trigger
4	3.987	0.069	0.042	0.032	0.086		Set Trigger
5	4.026	0.069	0.043	0.032	0.085		Set Trigger

Avg 4.00

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6605477.___0
FILE DATE AND TIME: 12/11/2006 06:02

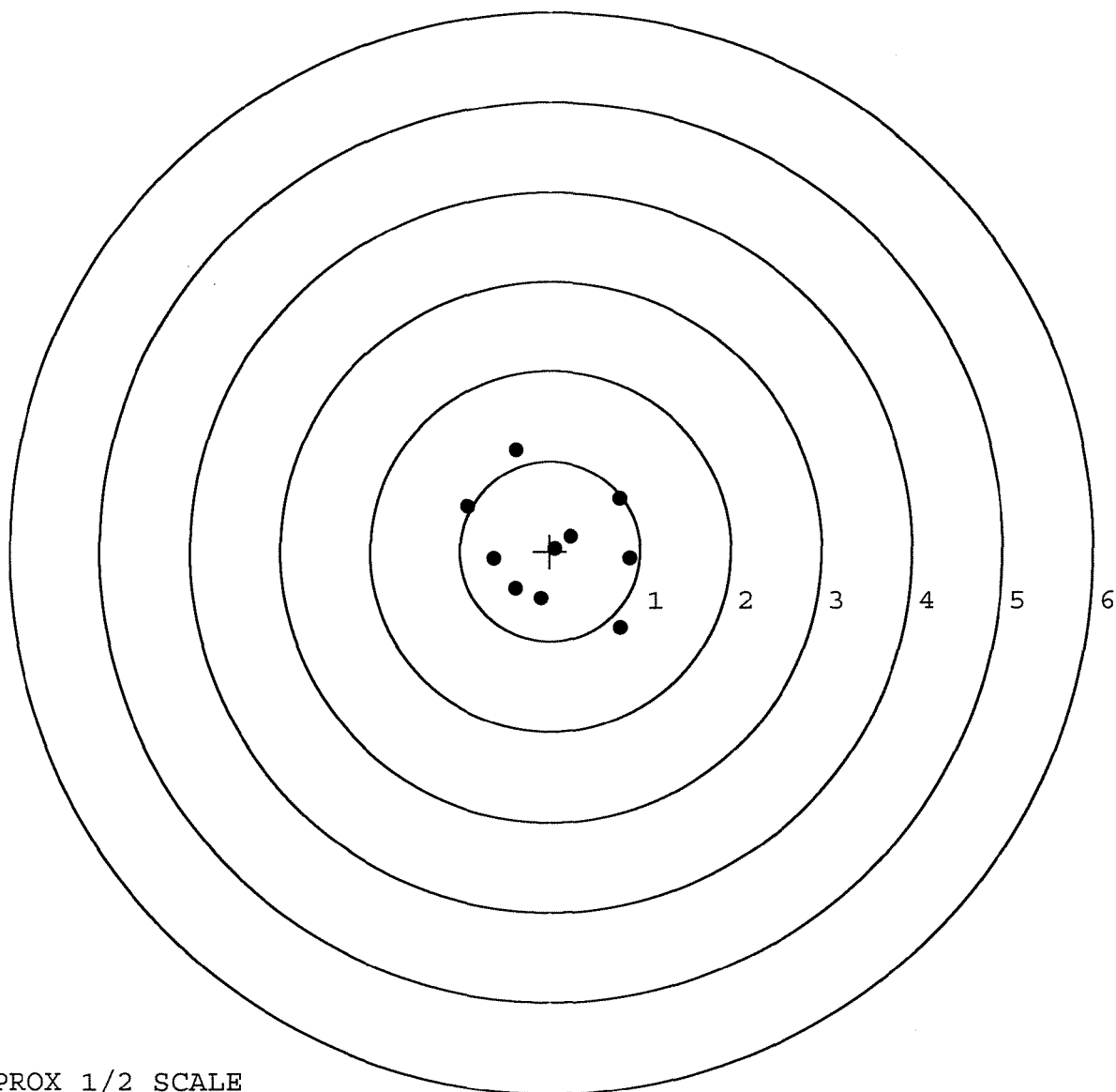
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.086
The Average Y Centroid of the Five Target Set:	-0.069
The Average Point of Impact of the Five Target Set:	0.110
The Average Mean Radius of the Five Target Set:	0.910
The Distance from POA to Centroid Target #1:	0.055
The Distance from Centroid Target #2 to Centroid Target #1:	0.293
The Distance from Centroid Target #3 to Centroid Target #1:	0.197
The Distance from Centroid Target #4 to Centroid Target #1:	0.154
The Distance from Centroid Target #5 to Centroid Target #1:	0.287

SERIAL NUMBER: G6605477. __0
TARGET NUMBER: 1
FILE DATE: 12/11/2006
FILE TIME: 06:02

X CENTROID: 0.033
Y CENTROID: 0.044
POA TO CENTROID: 0.055
HORZ SPREAD: 1.806
VERT SPREAD: 1.980
GROUP SPREAD: 2.293
MIN RADIUS: 0.025
MAX RADIUS: 1.169
MEAN RADIUS: 0.730
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

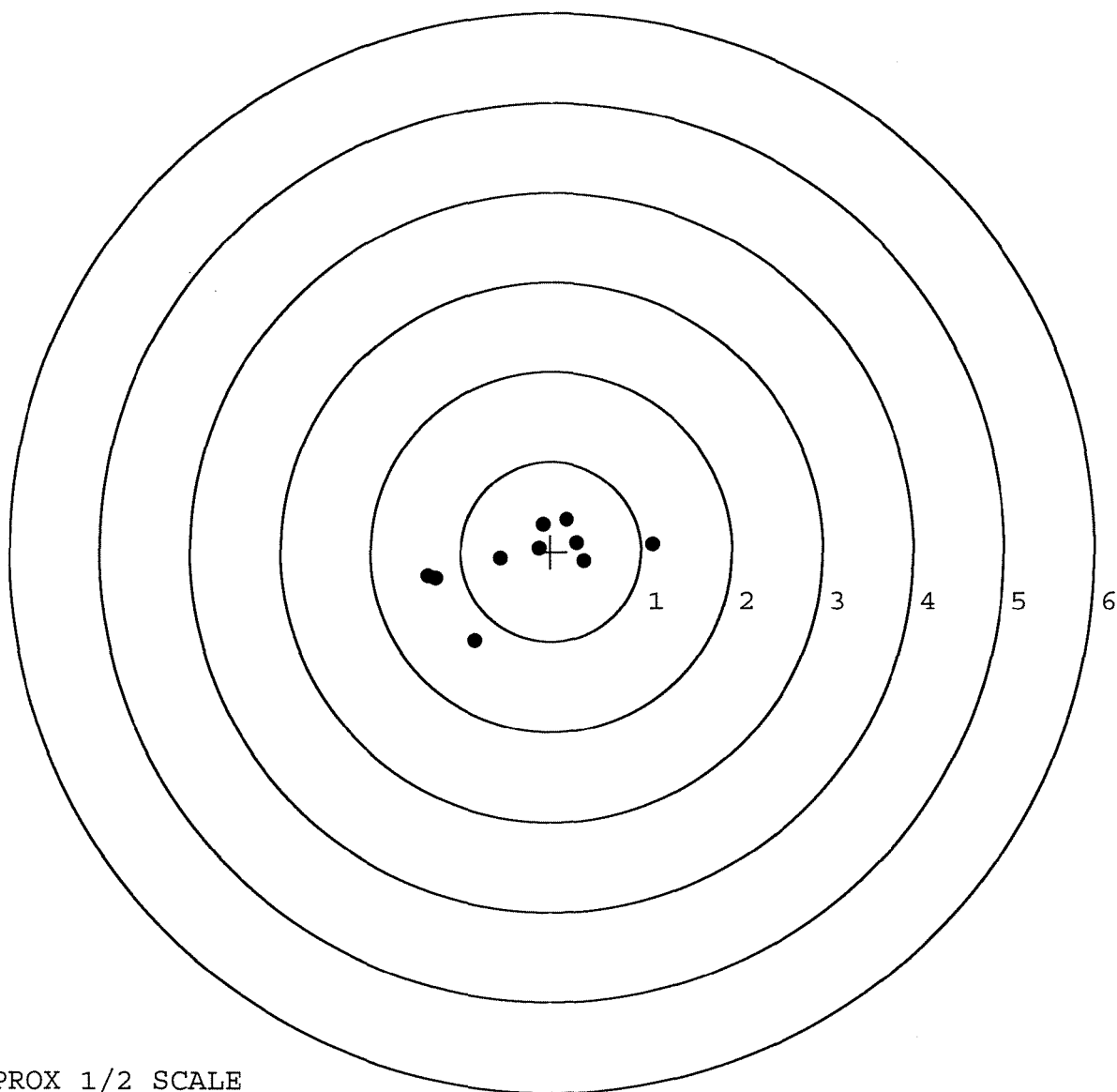
POINT#	X	Y
1:	0.781	-0.855
2:	0.887	-0.086
3:	0.778	0.586
4:	-0.376	1.125
5:	-0.919	0.499
6:	-0.622	-0.081
7:	0.232	0.165
8:	0.055	0.032
9:	-0.383	-0.417
10:	-0.105	-0.532



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6605477.___0
TARGET NUMBER: 2
FILE DATE: 12/11/2006
FILE TIME: 06:02

	POINT#	X	Y
	1:	-0.846	-0.998
	2:	-1.361	-0.276
	3:	-0.559	-0.077
	4:	-0.087	0.305
X CENTROID:	5:	0.174	0.356
Y CENTROID:	6:	-0.130	0.039
POA TO CENTROID:	7:	0.293	0.100
HORZ SPREAD:	8:	0.377	-0.106
VERT SPREAD:	9:	1.125	0.081
GROUP SPREAD:	10:	-1.277	-0.301
MIN RADIUS:		0.161	
MAX RADIUS:		1.365	
MEAN RADIUS:		0.735	
# IN 1 IN DIAMETER:		3	
# IN 2 IN DIAMETER:		6	
# in 3 IN DIAMETER:		10	

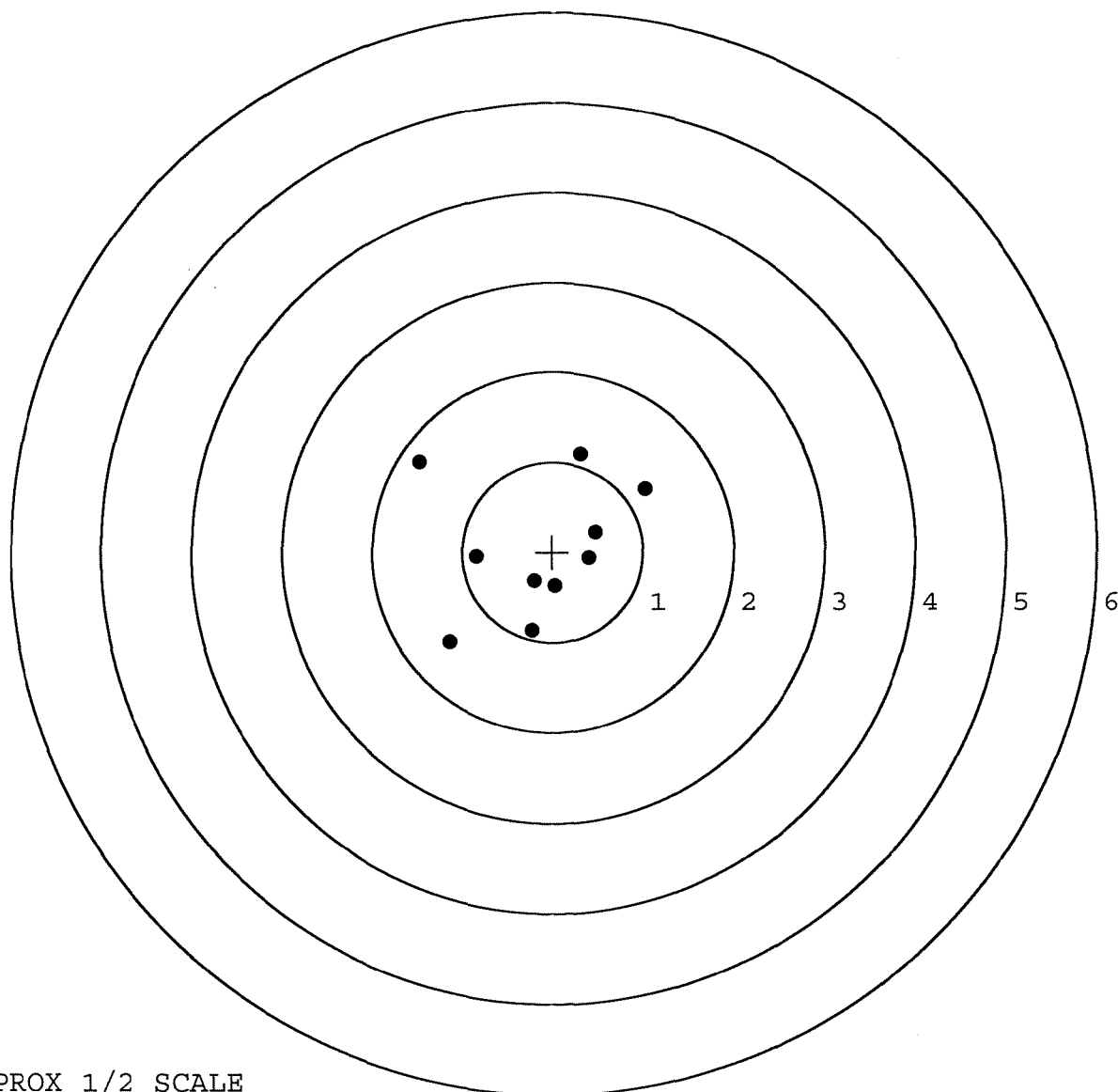


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6605477. __0
TARGET NUMBER: 3
FILE DATE: 12/11/2006
FILE TIME: 06:02

X CENTROID: -0.164
Y CENTROID: 0.031
POA TO CENTROID: 0.166
HORZ SPREAD: 2.501
VERT SPREAD: 2.094
GROUP SPREAD: 2.519
MIN RADIUS: 0.359
MAX RADIUS: 1.628
MEAN RADIUS: 0.924
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-1.475	0.995
2:	0.314	1.092
3:	1.026	0.698
4:	-0.844	-0.053
5:	-1.145	-1.002
6:	-0.228	-0.878
7:	-0.200	-0.326
8:	0.029	-0.377
9:	0.407	-0.066
10:	0.480	0.225

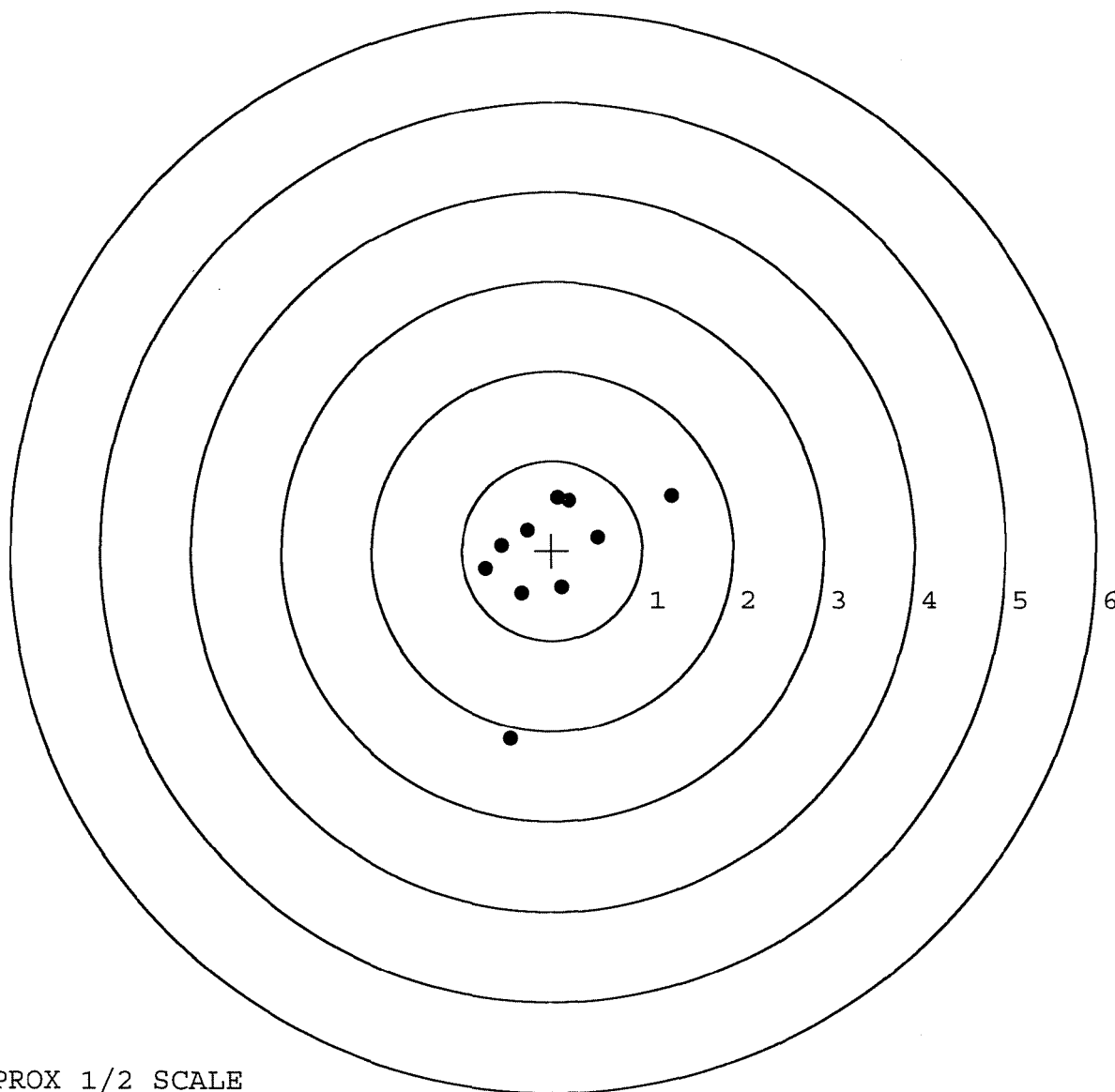


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6605477.___0
 TARGET NUMBER: 4
 FILE DATE: 12/11/2006
 FILE TIME: 06:02

X CENTROID: -0.018
 Y CENTROID: -0.102
 POA TO CENTROID: 0.103
 HORZ SPREAD: 2.055
 VERT SPREAD: 2.694
 GROUP SPREAD: 3.227
 MIN RADIUS: 0.330
 MAX RADIUS: 2.040
 MEAN RADIUS: 0.804
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.458	-2.093
2:	1.318	0.601
3:	0.511	0.149
4:	0.108	-0.407
5:	0.191	0.553
6:	0.066	0.581
7:	-0.339	-0.476
8:	-0.737	-0.203
9:	-0.561	0.057
10:	-0.276	0.223

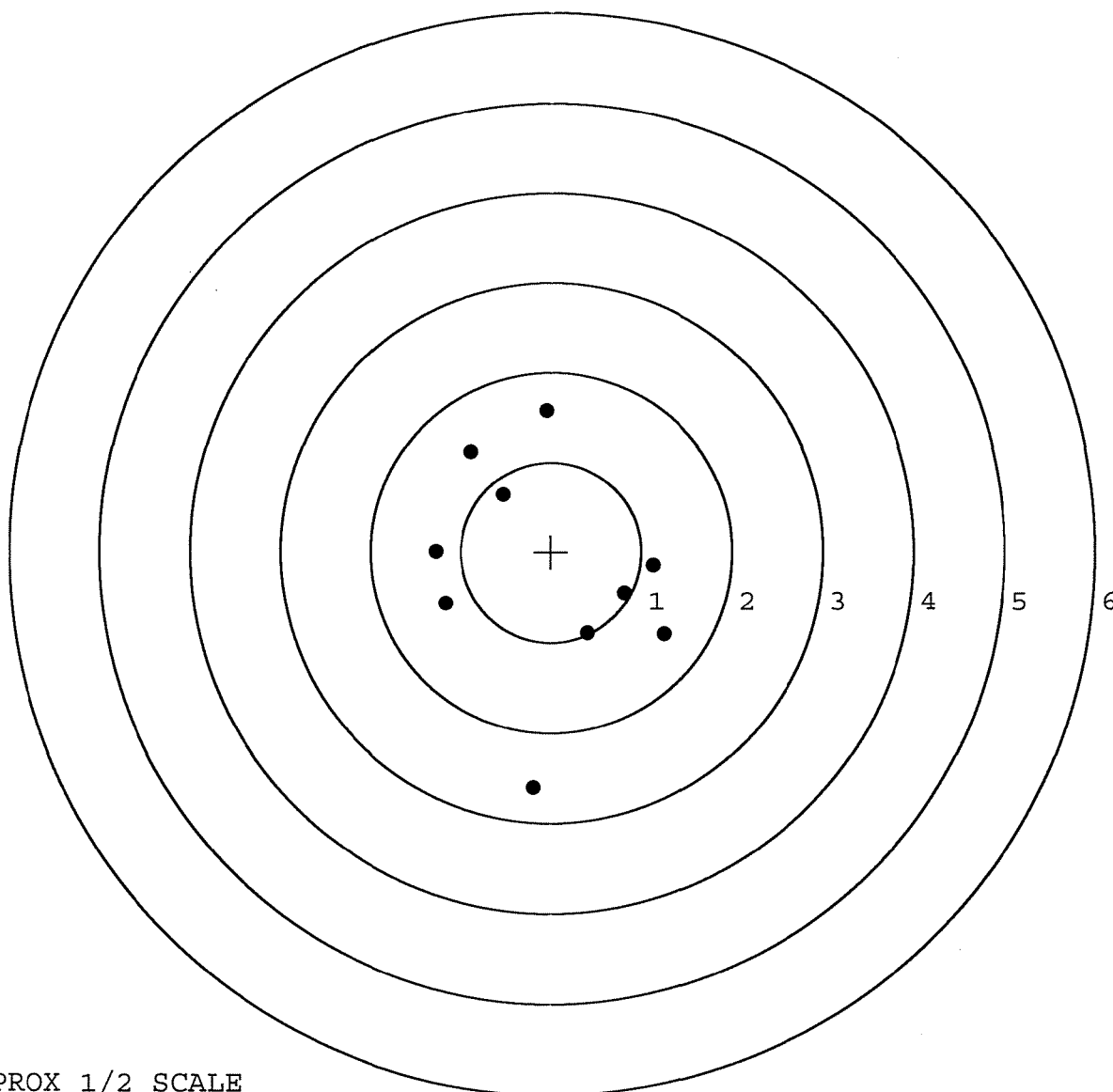


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6605477.___0
TARGET NUMBER: 5
FILE DATE: 12/11/2006
FILE TIME: 06:02

X CENTROID: -0.050
Y CENTROID: -0.231
POA TO CENTROID: 0.236
HORZ SPREAD: 2.528
VERT SPREAD: 4.188
GROUP SPREAD: 4.190
MIN RADIUS: 0.814
MAX RADIUS: 2.390
MEAN RADIUS: 1.355
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 3
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	-0.187	-2.617
2:	1.250	-0.914
3:	0.411	-0.901
4:	0.814	-0.465
5:	1.128	-0.160
6:	-0.057	1.571
7:	-0.889	1.118
8:	-0.527	0.635
9:	-1.278	-0.001
10:	-1.168	-0.575



TARGET APPROX 1/2 SCALE