

66685349

ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYST

UPC



0 47700 25716 7

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M/24 7.62 NATO S.W.S. (COMPLETE SYST

UPC



0 47700 25716 7

SERIAL NO.



66605349

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

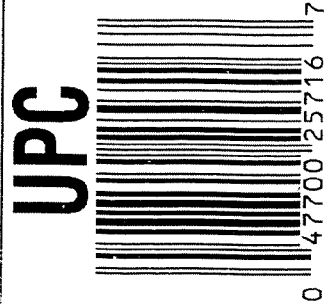
- INSTRUCTION BOOK 3518

DD FORM



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6605349



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6605349

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		10-6-06	BLC
420	ASSEMBLE ACTION		10-7-06	BLC
430	ASSEMBLE TO STOCK		10-7-06	W.R.
440	PROOF	MAGNA-FLUX	10-7-06	TRW
460	CHECK HEADSPACE	INSPECTED	10-7-06	TRW
470	DIS-ASSEMBLE ACTION	OCT 12 2006	10-9-06	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>wwws</u>	10/12/06	
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		10-10-06	CW
510	DRILL AND TAP SIGHT HOLES		10-9-06	TRW
520	GOFF BLAST BBL / REC		10-13-06	CB
530 & 540	APPLY COATINGS (BARREL ACTION)		10/14	HP
	(BOLT)			
560	RE-ASSEMBLE ACTION		10-24-06	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10-24-06	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10-24-06	SD
	D) OIL FIRING PIN ASSEMBLY		10-30-06	BLC
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

F004 REV 5/2006

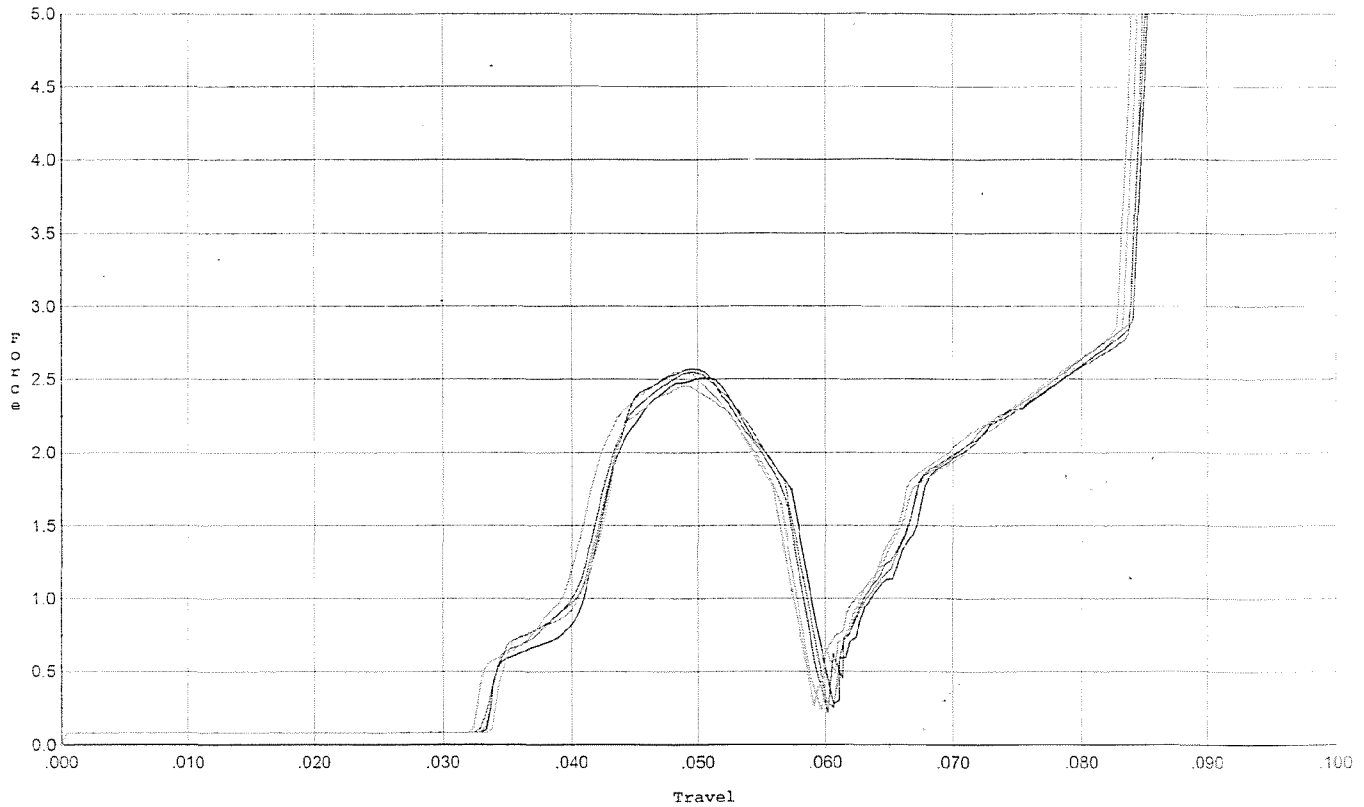
OP #	BARBER M24 M3486	READINGS			DATE	INITIAL		
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7.0</u>	<u>8.0</u>	<u>8.0</u>	11-10-06	R.P.D.		
CONT.								
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.0</u>	<u>3.0</u>	<u>3.0</u>	11-10-06	R.P.D.		
	H) TRIGGER PULL TEST AND RETAINABILITY							
	I) FIRING PIN INDENT .020 MIN	<u>.0245</u>	<u>.0245</u>	<u>.0245</u>	11-10-06	R.P.D.		
	J) ASSEMBLE STOCK				10-30-06	BLG		
	K) ASSEMBLE SWIVEL STUDS				11-18-06	RT		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S				10-30-06	BLG		
	M) IRON SIGHT ALIGNMENT				10-30-06	BLG		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER				10-30-06	BLG		
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u>	FAIL					
		<u>PASS</u>	FAIL		10-31-06	TRC		
	MALFUNCTION	CORRECTION						
	MALFUNCTION	CORRECTION						
	MALFUNCTION	CORRECTION						
	MALFUNCTION	CORRECTION						
660	INSPECT FOR LIVE AMMO				10-31-06	DK		
670	FINAL INSPECTION A) HEADSPACE				11-18-06	RT		
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>241</u>	<u>229</u>	<u>227</u>	<u>210</u>	<u>223</u>	11-10-06	RP
	C) FUNCTION				11-18-06	RT		
690	PACK				11-07	RA		

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 10/23/06

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



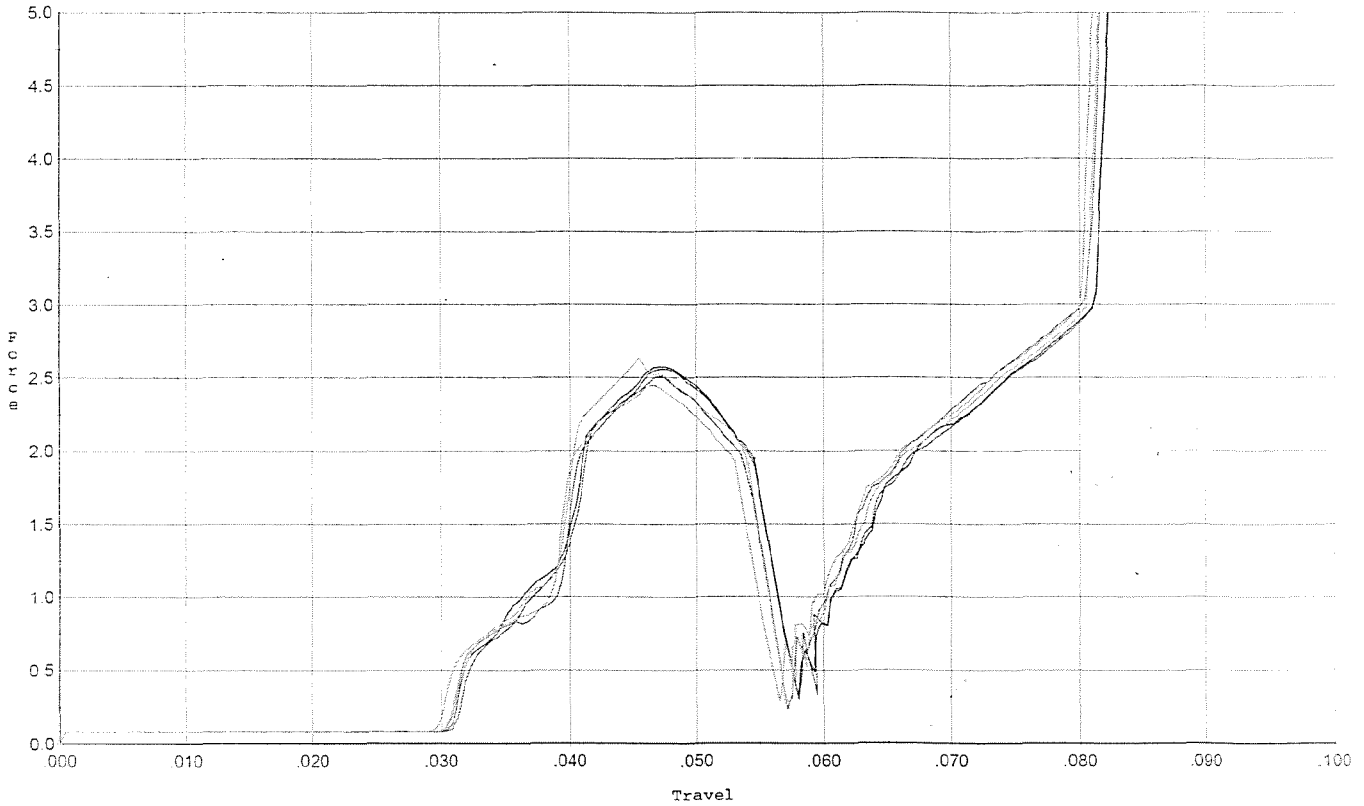
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.572	0.057	0.033	0.035	0.044		Set Trigger
2	2.508	0.057	0.034	0.034	0.043		Set Trigger
3	2.551	0.058	0.034	0.034	0.045		Set Trigger
4	2.455	0.056	0.034	0.034	0.041		Set Trigger
5	2.552	0.057	0.033	0.034	0.045		Set Trigger

Aug 2.52

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/23/06

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



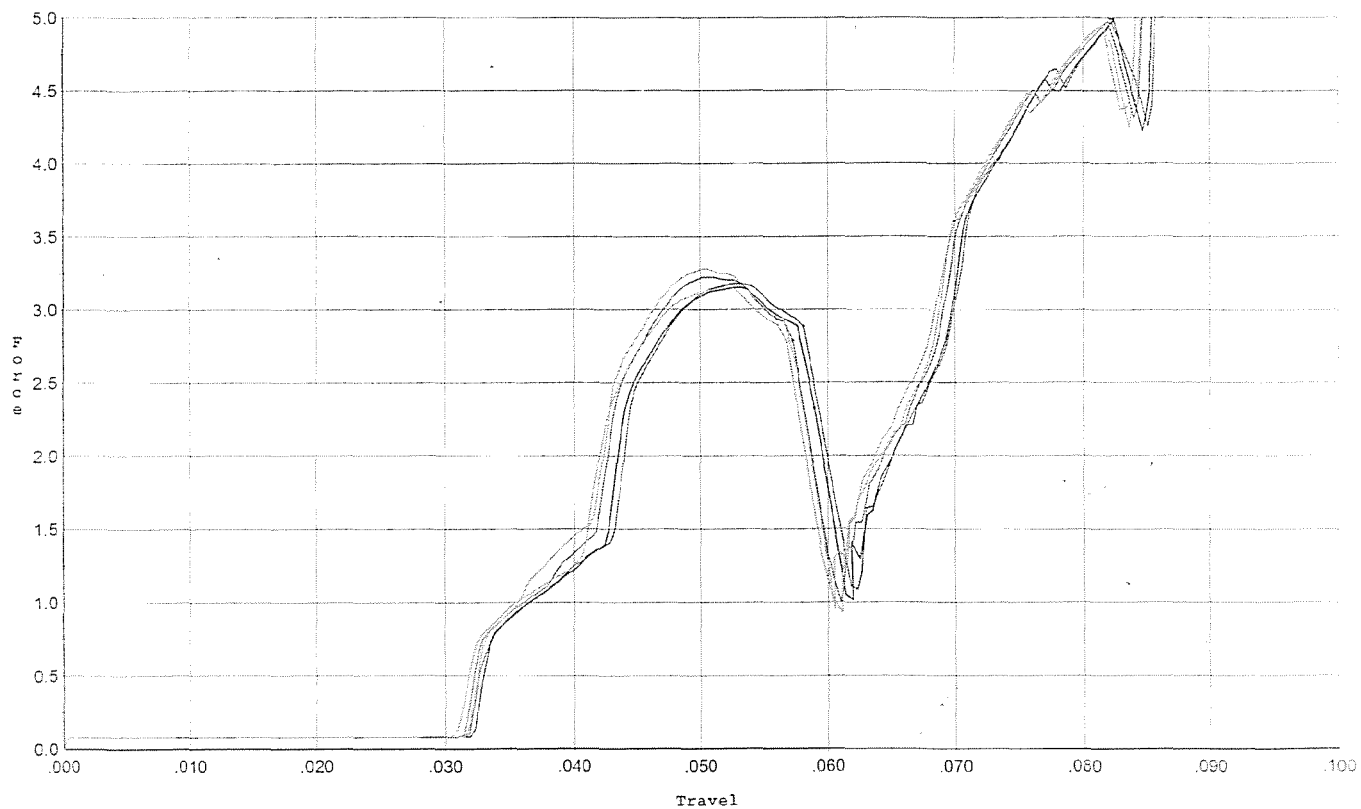
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.551	0.055	0.031	0.033	0.044		Set Trigger
2	2.569	0.055	0.031	0.033	0.045		Set Trigger
3	2.509	0.054	0.031	0.033	0.043		Set Trigger
4	2.635	0.054	0.030	0.033	0.045		Set Trigger
5	2.445	0.053	0.031	0.034	0.041		Set Trigger

Avg 2.54

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 10/23/06

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



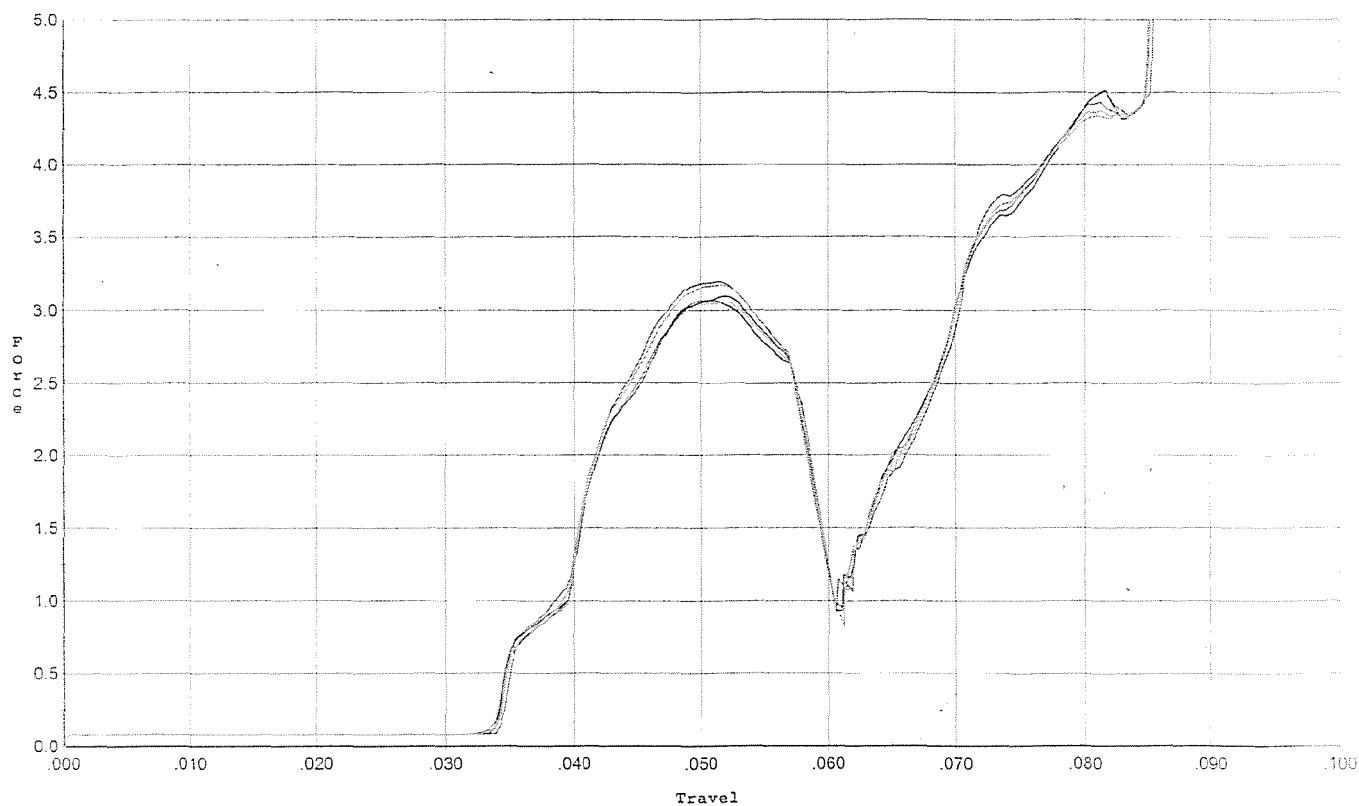
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.179	0.058	0.032	0.032	0.060		Set Trigger
2	3.152	0.059	0.033	0.032	0.061		Set Trigger
3	3.224	0.057	0.032	0.032	0.060		Set Trigger
4	3.281	0.058	0.032	0.032	0.062		Set Trigger
5	3.158	0.057	0.031	0.032	0.059		Set Trigger

AVG 3.19

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 10/23/06

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



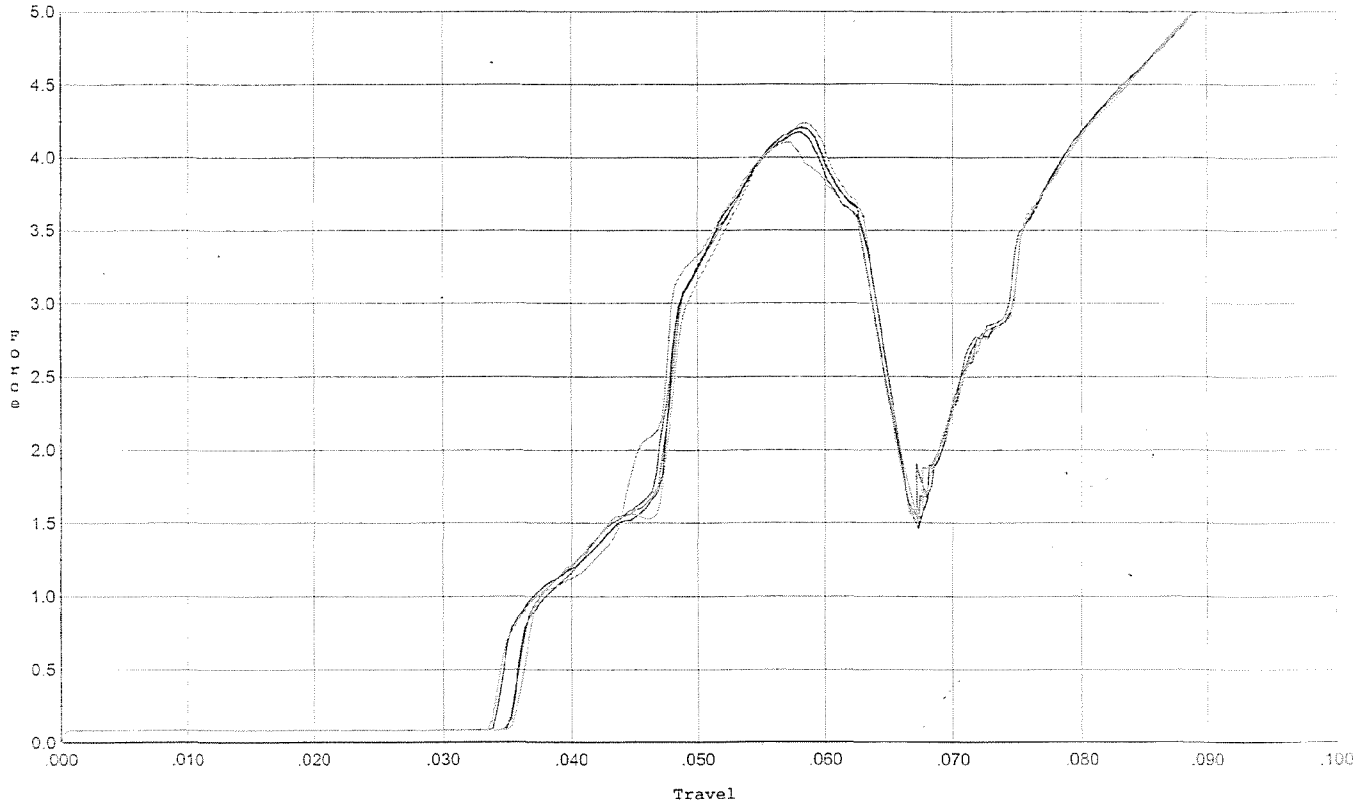
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.066	0.058	0.034	0.033	0.056		Set Trigger
2	3.096	0.058	0.034	0.033	0.057		Set Trigger
3	3.190	0.057	0.034	0.034	0.056		Set Trigger
4	3.055	0.057	0.034	0.034	0.054		Set Trigger
5	3.172	0.058	0.034	0.033	0.058		Set Trigger

AVg 3.11

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/23/06

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



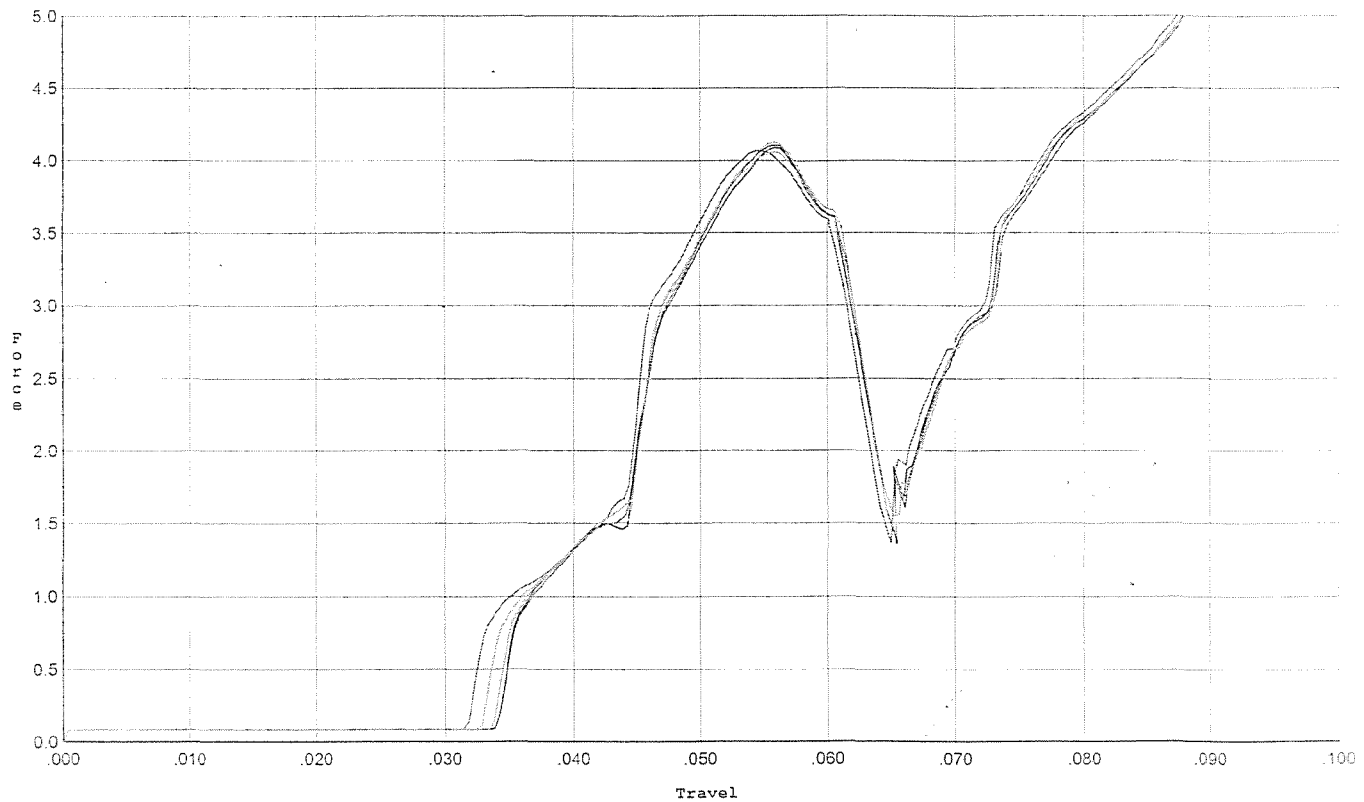
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.172	0.063	0.035	0.031	0.078		Set Trigger
2	4.209	0.063	0.034	0.031	0.081		Set Trigger
3	4.212	0.063	0.036	0.031	0.080		Set Trigger
4	4.237	0.063	0.036	0.031	0.079		Set Trigger
5	4.103	0.063	0.034	0.031	0.080		Set Trigger

AVG 4.18

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/23/06

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



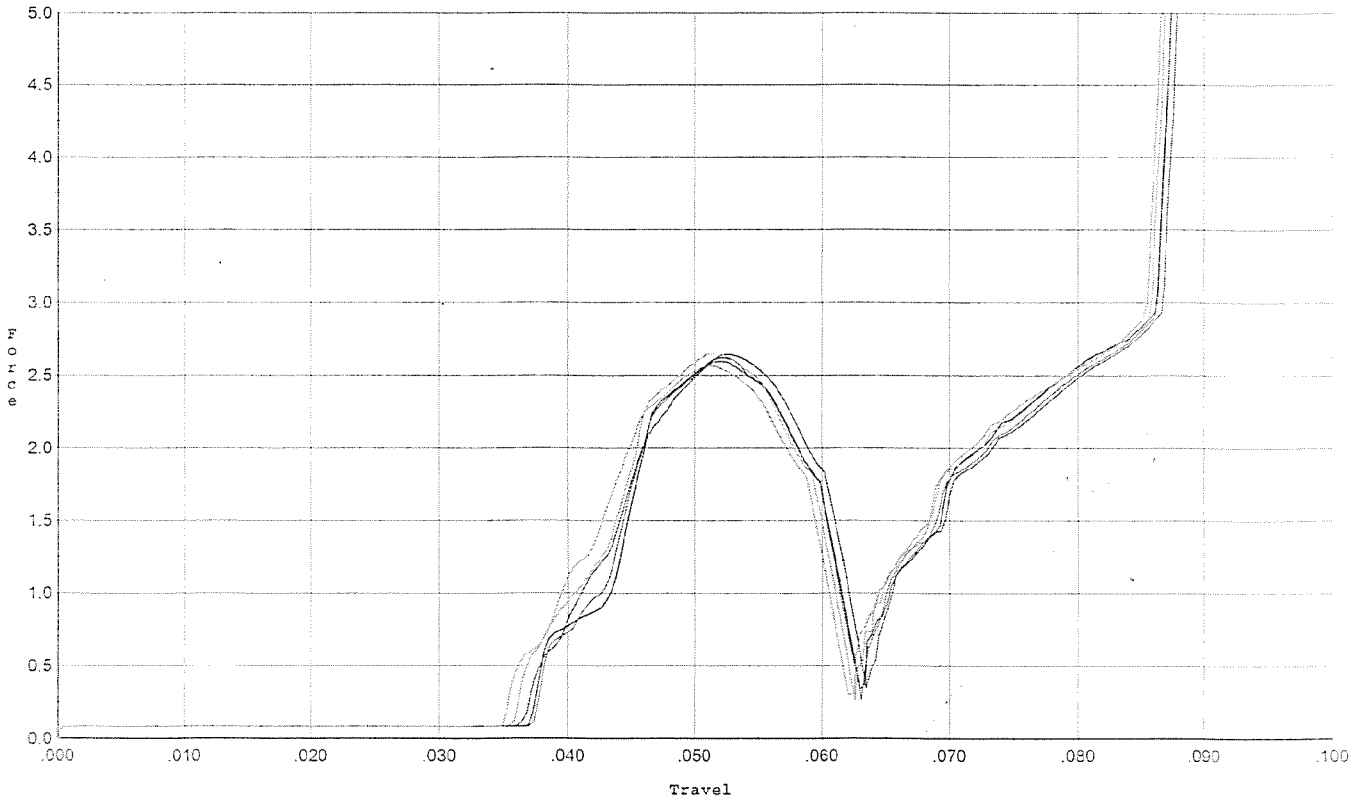
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.103	0.061	0.034	0.031	0.077		Set Trigger
2	4.090	0.062	0.034	0.031	0.078		Set Trigger
3	4.063	0.061	0.032	0.031	0.079		Set Trigger
4	4.057	0.062	0.033	0.031	0.078		Set Trigger
5	4.123	0.061	0.034	0.031	0.078		Set Trigger

AVG 4.08

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 10/23/06

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



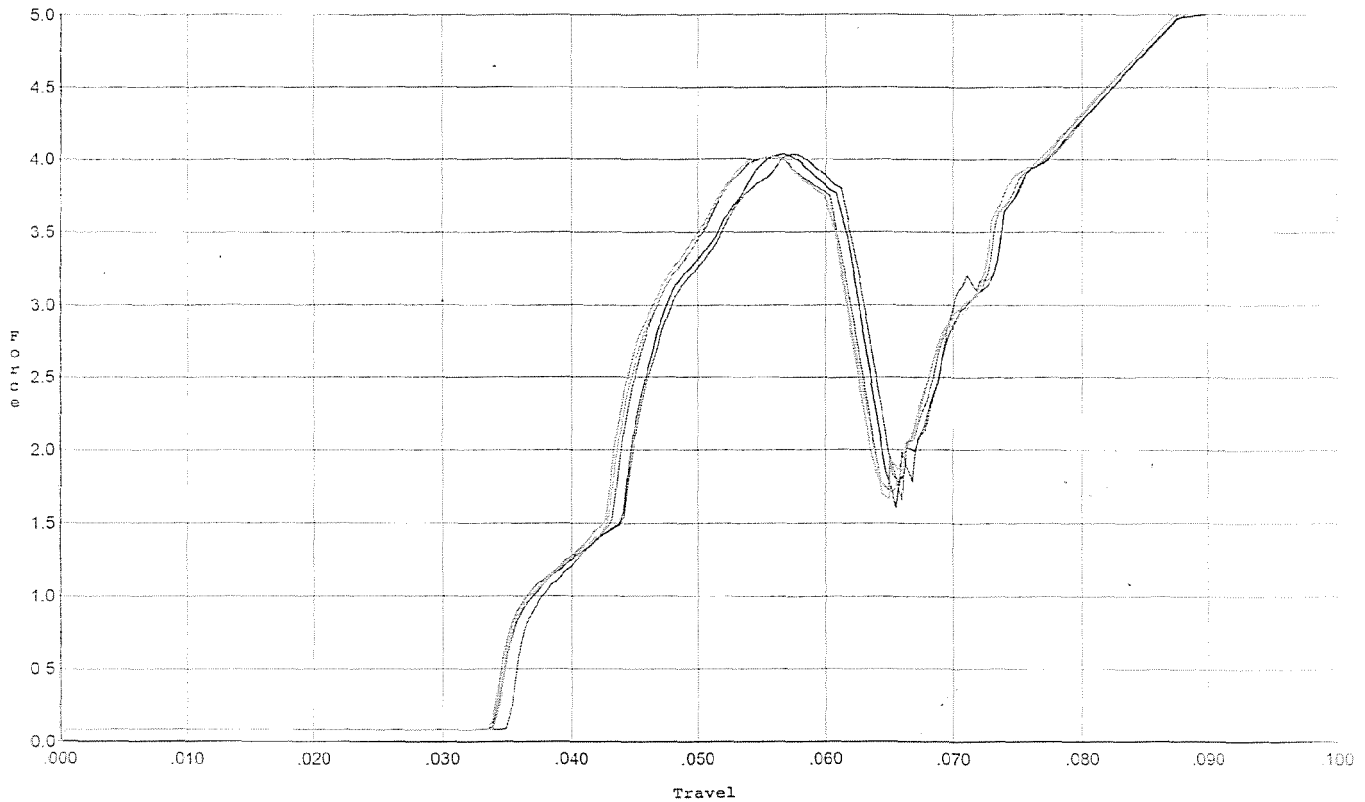
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.644	0.062	0.037	0.034	0.049		Set Trigger
2	2.621	0.061	0.037	0.034	0.046		Set Trigger
3	2.596	0.060	0.038	0.034	0.045		Set Trigger
4	2.651	0.061	0.036	0.034	0.048		Set Trigger
5	2.567	0.060	0.035	0.034	0.048		Set Trigger

AVG. 2.61

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/23/06

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



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.034	0.063	0.035	0.030	0.079		Set Trigger
2	4.034	0.062	0.034	0.030	0.078		Set Trigger
3	4.023	0.062	0.034	0.031	0.079		Set Trigger
4	4.021	0.060	0.034	0.031	0.076		Set Trigger
5	4.019	0.061	0.034	0.031	0.077		Set Trigger

AVG 4.02

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6605349.__0

FILE DATE AND TIME: 11/01/2006 05:55

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.069
The Average Y Centroid of the Five Target Set:	-0.109
The Average Point of Impact of the Five Target Set:	0.129
The Average Mean Radius of the Five Target Set:	0.835
The Distance from POA to Centroid Target #1:	0.041
The Distance from Centroid Target #2 to Centroid Target #1:	0.073
The Distance from Centroid Target #3 to Centroid Target #1:	0.041
The Distance from Centroid Target #4 to Centroid Target #1:	0.397
The Distance from Centroid Target #5 to Centroid Target #1:	0.198

SERIAL NUMBER: G6605349. 0

TARGET NUMBER: 1

FILE DATE: 11/01/2006

FILE TIME: 05:55

POINT#	X	Y
1:	0.525	-1.371
2:	1.236	-0.068
3:	0.839	0.388
4:	-0.405	0.884
5:	-0.476	0.643
6:	-0.855	0.521
7:	-0.042	0.366
8:	-0.157	-0.147
9:	0.060	-0.520
10:	-0.380	-0.468

X CENTROID: 0.035

Y CENTROID: 0.023

POA TO CENTROID: 0.041

HORZ SPREAD: 2.091

VERT SPREAD: 2.255

GROUP SPREAD: 2.439

MIN RADIUS: 0.256

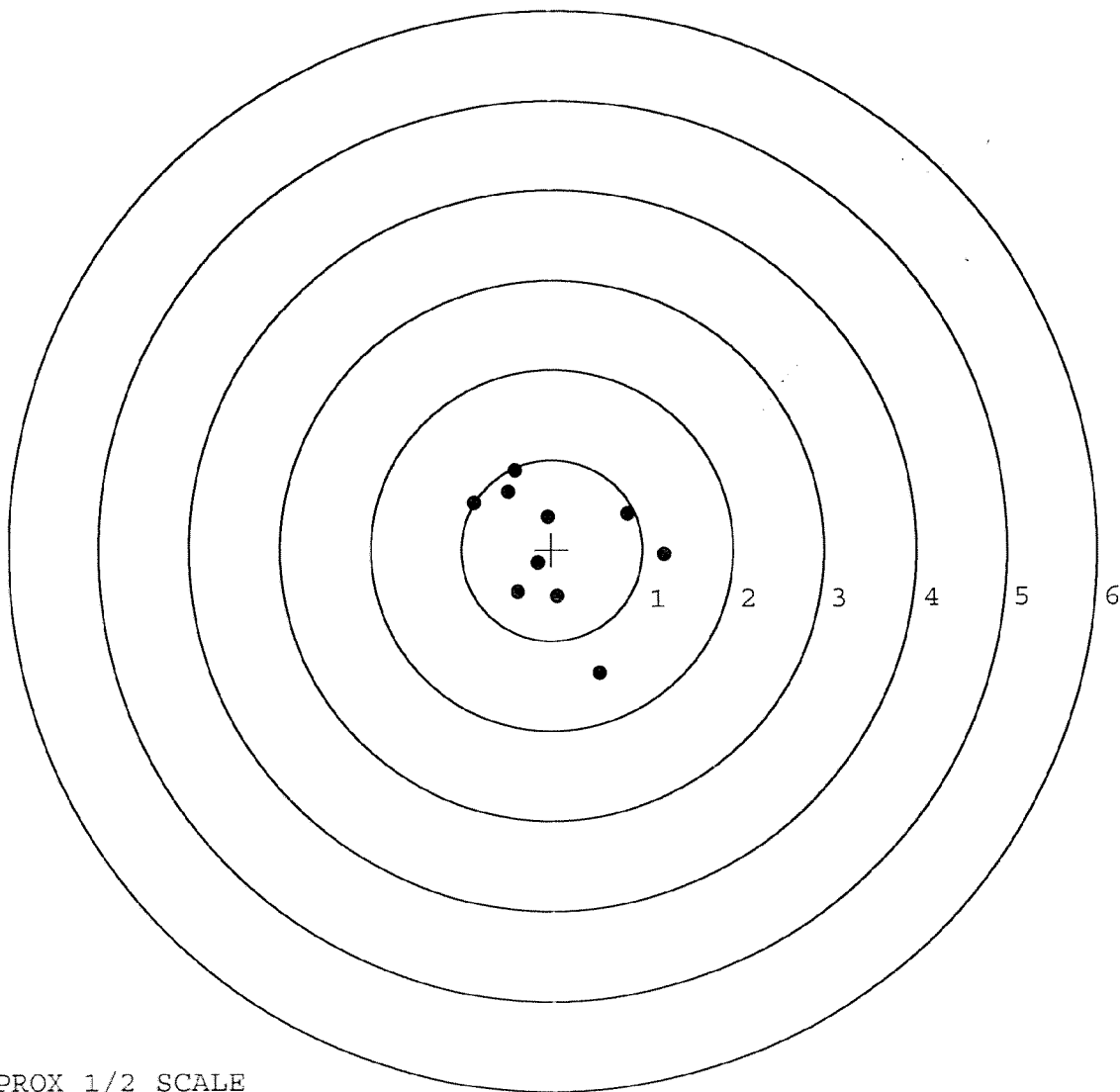
MAX RADIUS: 1.478

MEAN RADIUS: 0.815

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



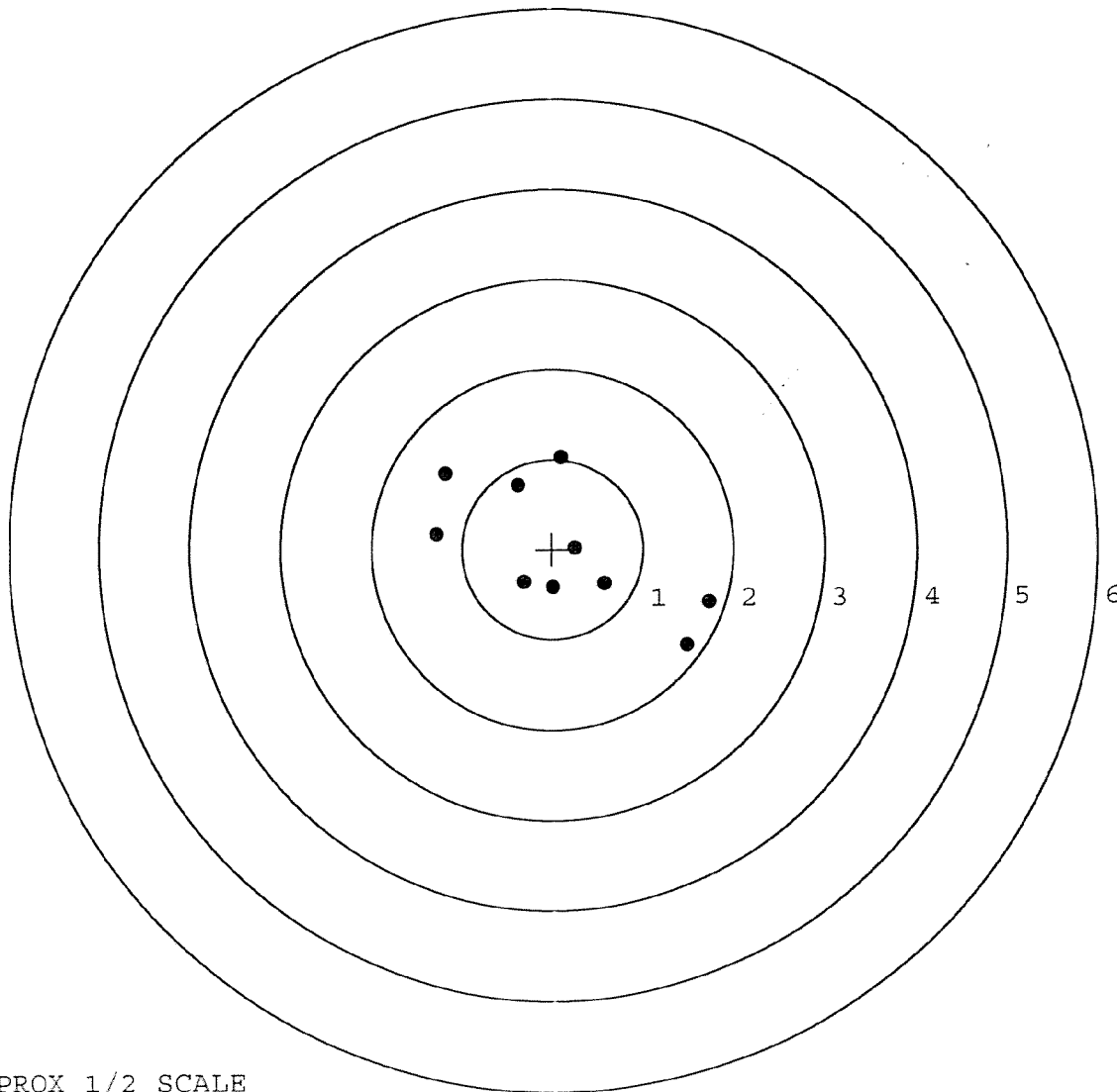
TARGET APPROX 1/2 SCALE

BARBER - M24 0133497

SERIAL NUMBER: G6605349. 0
 TARGET NUMBER: 2
 FILE DATE: 11/01/2006
 FILE TIME: 05:55

POINT#	X	Y
1:	1.480	-1.081
2:	1.723	-0.602
3:	0.573	-0.389
4:	0.253	0.019
5:	0.013	-0.427
6:	-0.314	-0.372
7:	-1.280	0.176
8:	-1.180	0.849
9:	-0.375	0.714
10:	0.104	1.021

X CENTROID: 0.100
 Y CENTROID: -0.009
 POA TO CENTROID: 0.100
 HORZ SPREAD: 3.003
 VERT SPREAD: 2.102
 GROUP SPREAD: 3.286
 MIN RADIUS: 0.156
 MAX RADIUS: 1.748
 MEAN RADIUS: 1.004
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

BARBER - M24 0133498

SERIAL NUMBER: G6605349. __0

TARGET NUMBER: 3

FILE DATE: 11/01/2006

FILE TIME: 05:55

POINT#	X	Y
1:	0.225	0.903
2:	-0.261	0.744
3:	0.397	0.199
4:	0.649	-0.552
5:	-0.063	-0.647
6:	0.315	-0.234
7:	-0.018	0.070
8:	-0.519	-0.112
9:	-0.261	-0.345
10:	-0.013	-0.192

X CENTROID: 0.045

Y CENTROID: -0.017

POA TO CENTROID: 0.048

HORZ SPREAD: 1.168

VERT SPREAD: 1.550

GROUP SPREAD: 1.577

MIN RADIUS: 0.107

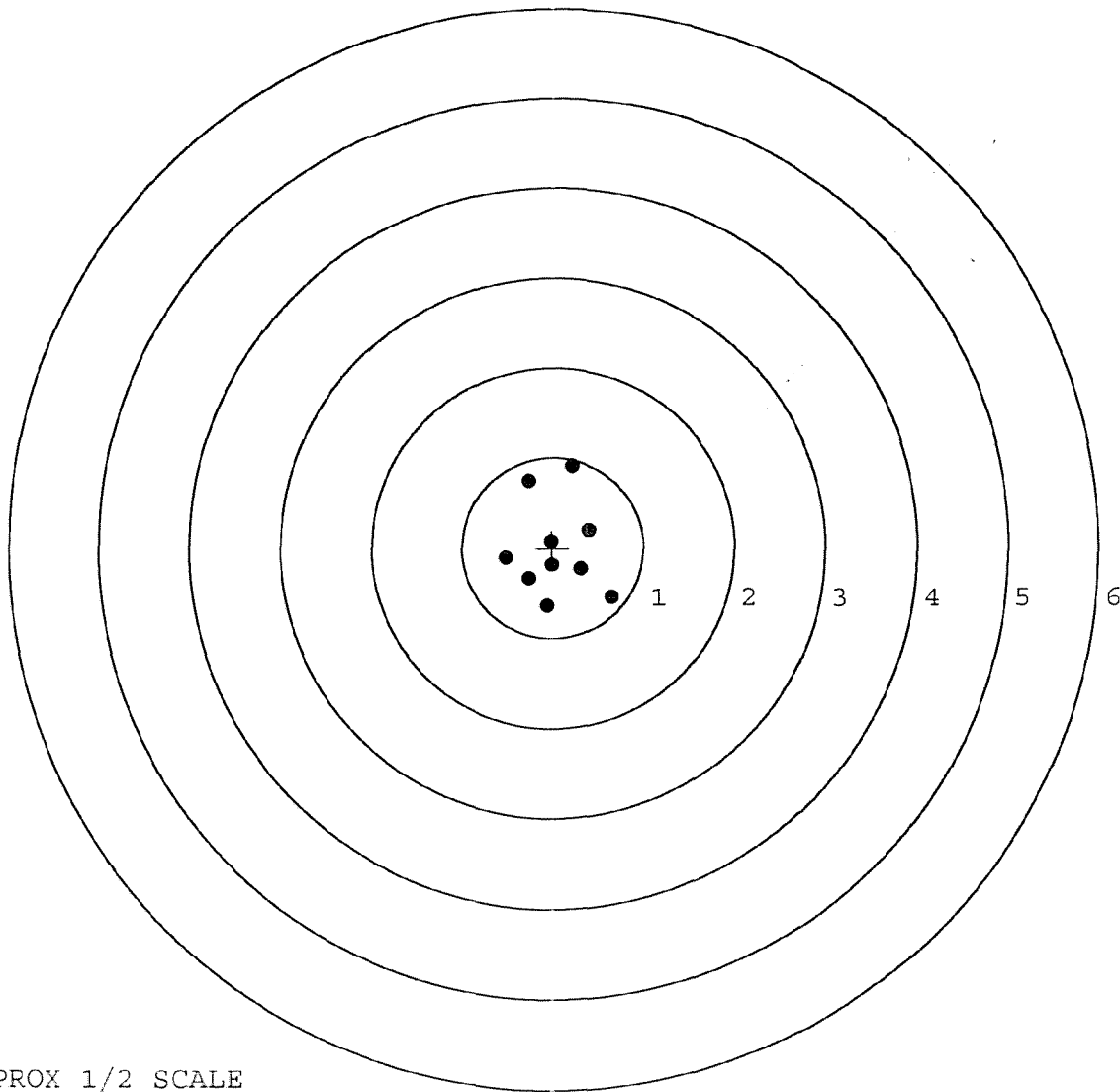
MAX RADIUS: 0.937

MEAN RADIUS: 0.528

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



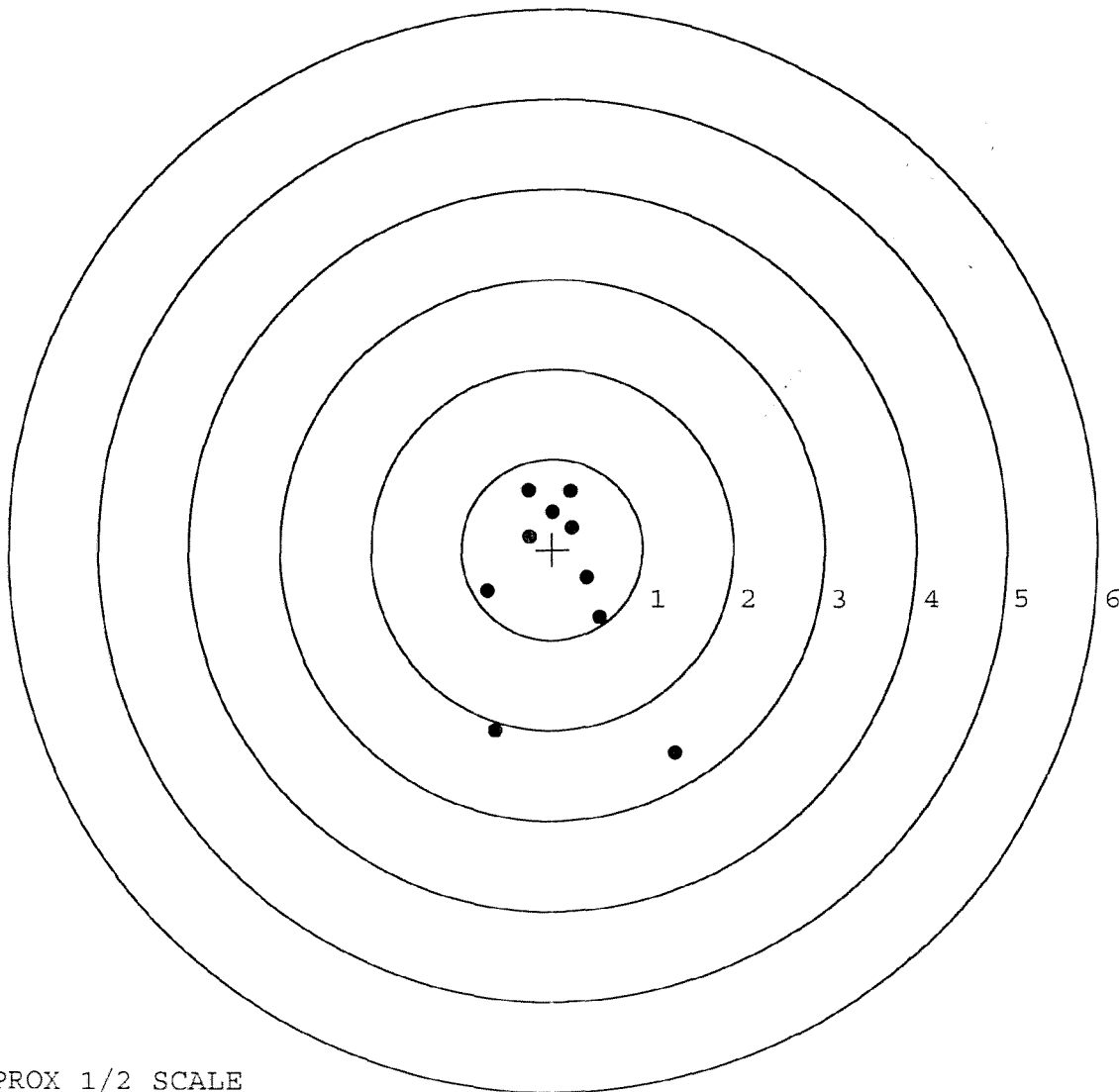
TARGET APPROX 1/2 SCALE

BARBER - M24 0133499

SERIAL NUMBER: G6605349. __0
 TARGET NUMBER: 4
 FILE DATE: 11/01/2006
 FILE TIME: 05:55

POINT#	X	Y
1:	-0.626	-2.013
2:	1.357	-2.262
3:	0.526	-0.755
4:	0.384	-0.314
5:	-0.707	-0.463
6:	0.217	0.234
7:	-0.258	0.145
8:	0.205	0.643
9:	-0.261	0.659
10:	0.000	0.417

X CENTROID: 0.084
 Y CENTROID: -0.371
 POA TO CENTROID: 0.380
 HORZ SPREAD: 2.064
 VERT SPREAD: 2.921
 GROUP SPREAD: 3.339
 MIN RADIUS: 0.306
 MAX RADIUS: 2.280
 MEAN RADIUS: 0.989
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8



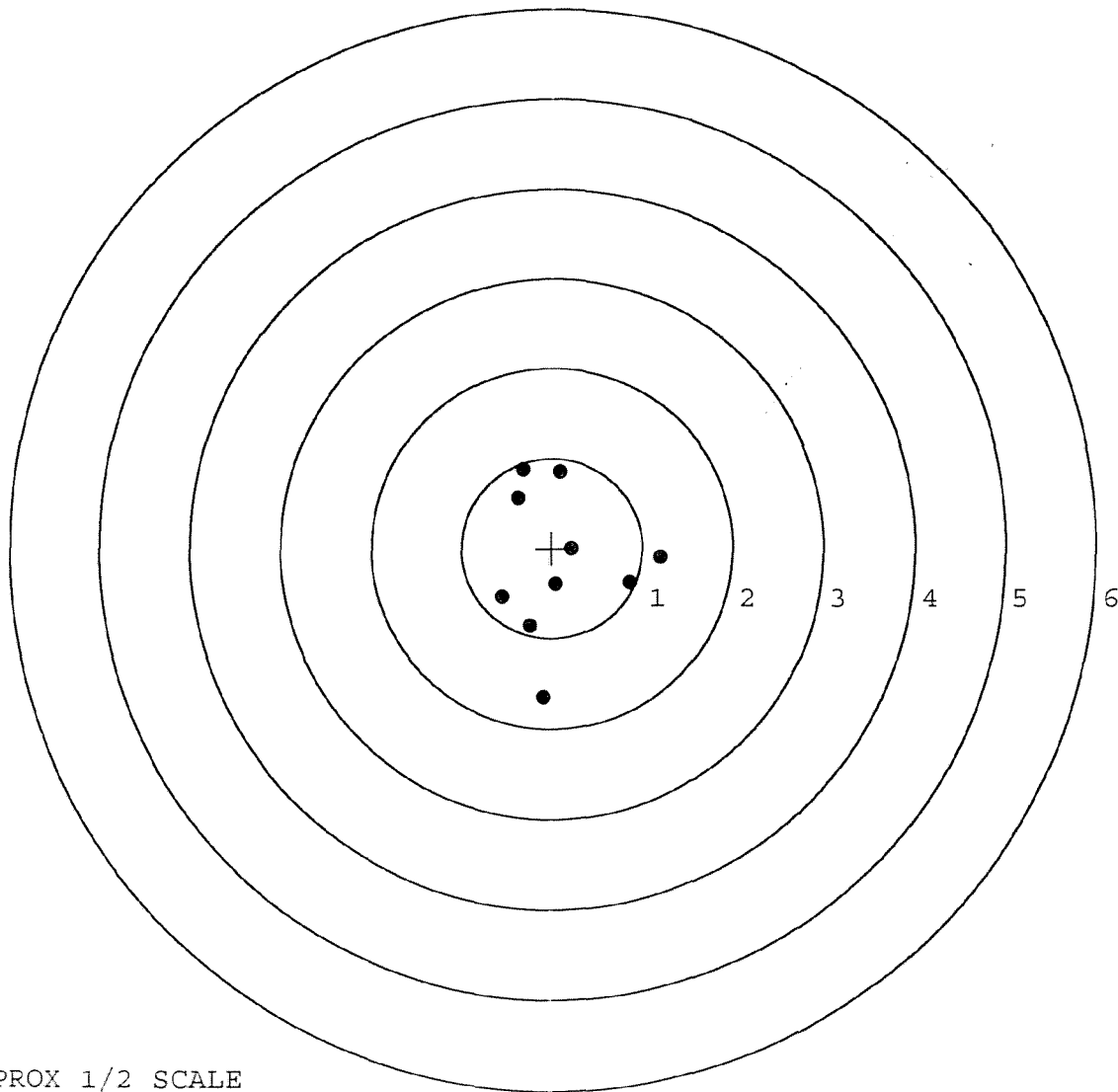
TARGET APPROX 1/2 SCALE

BARBER - M24 0133500

SERIAL NUMBER: G6605349. __0
 TARGET NUMBER: 5
 FILE DATE: 11/01/2006
 FILE TIME: 05:55

POINT#	X	Y
1:	0.097	0.847
2:	-0.319	0.877
3:	-0.374	0.561
4:	1.202	-0.101
5:	0.860	-0.381
6:	0.214	-0.011
7:	0.048	-0.404
8:	-0.552	-0.545
9:	-0.245	-0.867
10:	-0.092	-1.663

X CENTROID: 0.084
 Y CENTROID: -0.169
 POA TO CENTROID: 0.188
 HORZ SPREAD: 1.754
 VERT SPREAD: 2.540
 GROUP SPREAD: 2.550
 MIN RADIUS: 0.204
 MAX RADIUS: 1.505
 MEAN RADIUS: 0.838
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE