

06587682

MODEL 760™ M24

Model SMS™

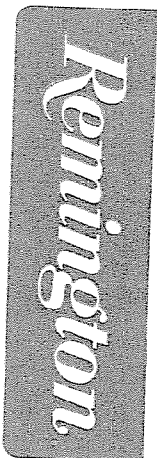
Action _____

Barrel Length _____

Capacity _____

Order No. 5716

*Includes 1 in chamber.

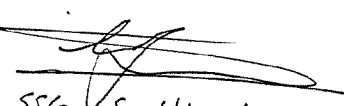


Serial Number: C6587682
Model: M24 SWS

RE00081617

To: Remington Arms.

My name is SSG Smith with A-Co 2-7 INF. The reason I am including this note is so you know that I am the only B-4 qualified person in this unit. I have only been here for a short time so I am trying to get everything back in place with these weapons. I am sorry for all the trouble and if you can think of anything that might help me out please contact me at: 1-912-767-2127

Thank You. 
SSG Smith Andrew J.

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

USAPPC V1.10

M2400025199

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587682.__0
FILE DATE AND TIME: 06/23/2004 07:05

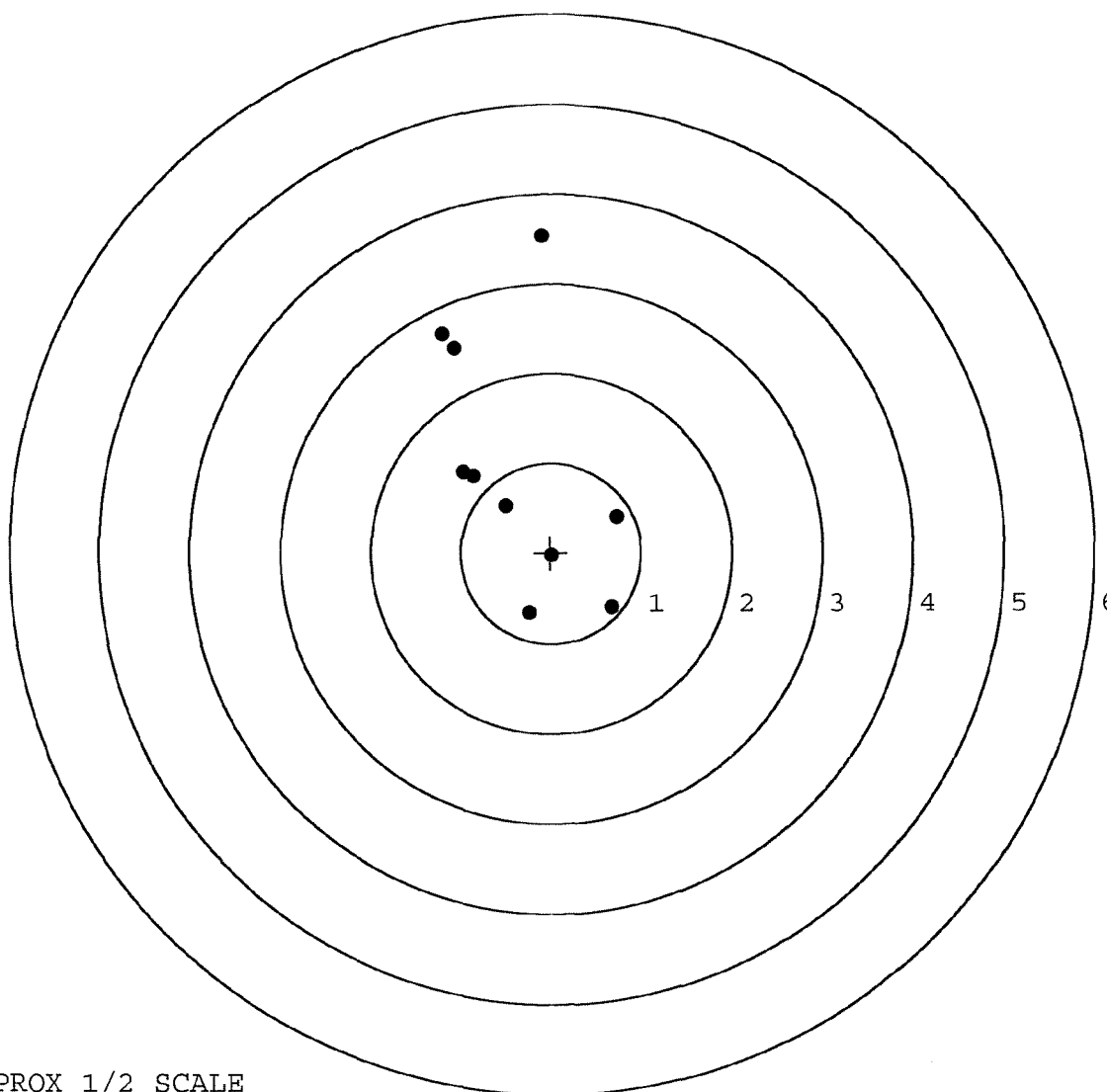
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.049
The Average Y Centroid of the Five Target Set:	0.160
The Average Point of Impact of the Five Target Set:	0.168
The Average Mean Radius of the Five Target Set:	0.969
The Distance from POA to Centroid Target #1:	1.027
The Distance from Centroid Target #2 to Centroid Target #1:	1.241
The Distance from Centroid Target #3 to Centroid Target #1:	0.887
The Distance from Centroid Target #4 to Centroid Target #1:	0.911
The Distance from Centroid Target #5 to Centroid Target #1:	1.461

SERIAL NUMBER: C6587682. 0
TARGET NUMBER: 1
FILE DATE: 06/23/2004
FILE TIME: 07:05

X CENTROID: -0.354
Y CENTROID: 0.964
POA TO CENTROID: 1.027
HORZ SPREAD: 1.931
VERT SPREAD: 4.194
GROUP SPREAD: 4.197
MIN RADIUS: 0.466
MAX RADIUS: 2.577
MEAN RADIUS: 1.315
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 3
in 3 IN DIAMETER: 6

POINT#	X	Y
1:	-0.106	3.529
2:	-1.201	2.437
3:	-1.069	2.278
4:	-0.860	0.857
5:	-0.506	0.524
6:	0.730	0.401
7:	0.676	-0.595
8:	0.012	-0.027
9:	-0.243	-0.665
10:	-0.970	0.902



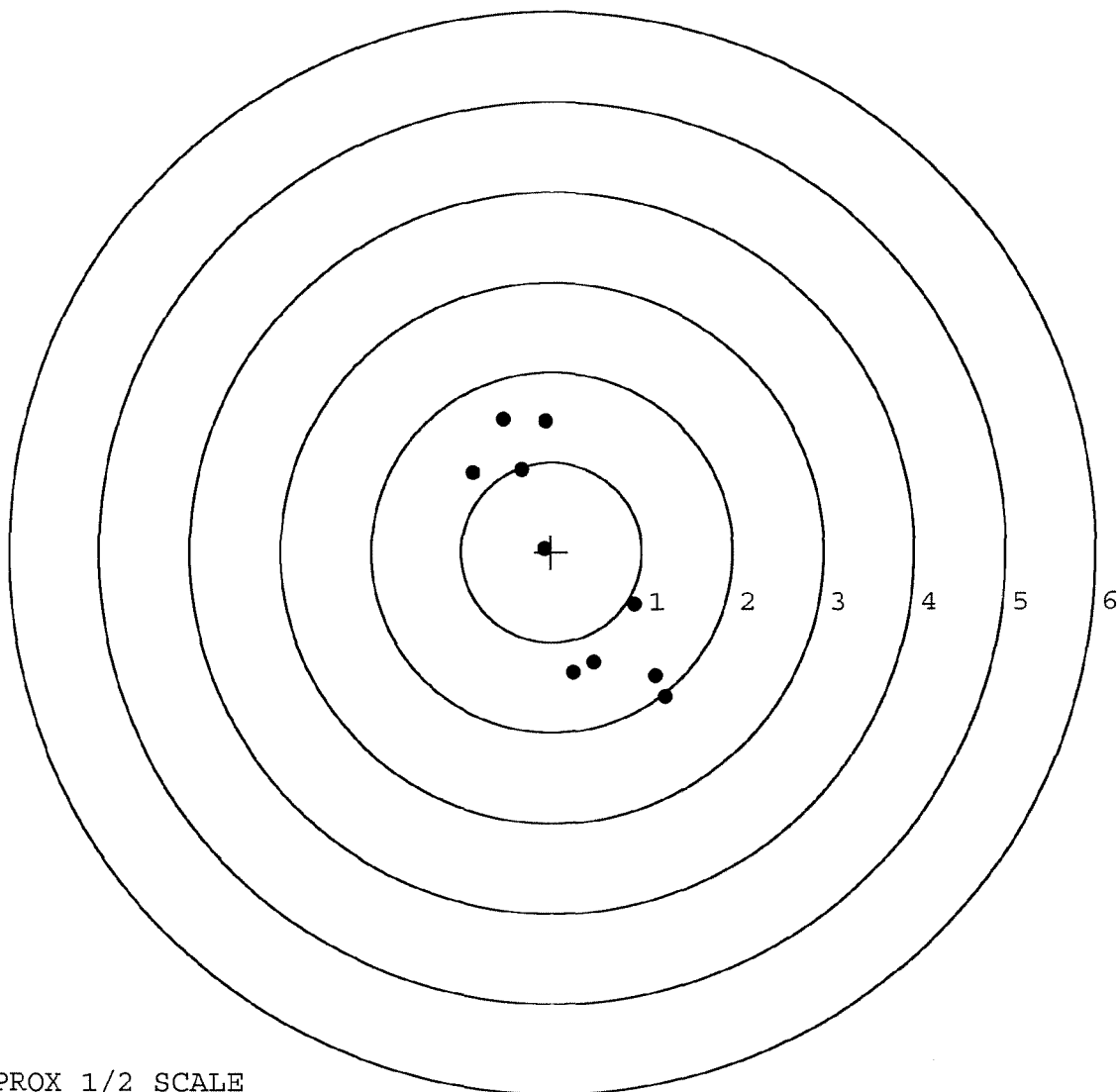
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587682. __0
TARGET NUMBER: 2
FILE DATE: 06/23/2004
FILE TIME: 07:05

X CENTROID: 0.217
Y CENTROID: -0.138
POA TO CENTROID: 0.258
HORZ SPREAD: 2.125
VERT SPREAD: 3.082
GROUP SPREAD: 3.566
MIN RADIUS: 0.343
MAX RADIUS: 1.804
MEAN RADIUS: 1.293

POINT#	X	Y
1:	1.257	-1.612
2:	1.151	-1.377
3:	0.479	-1.224
4:	0.252	-1.342
5:	0.920	-0.585
6:	-0.078	0.036
7:	-0.868	0.883
8:	-0.069	1.452
9:	-0.332	0.920
10:	-0.537	1.470

IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 2
in 3 IN DIAMETER: 6

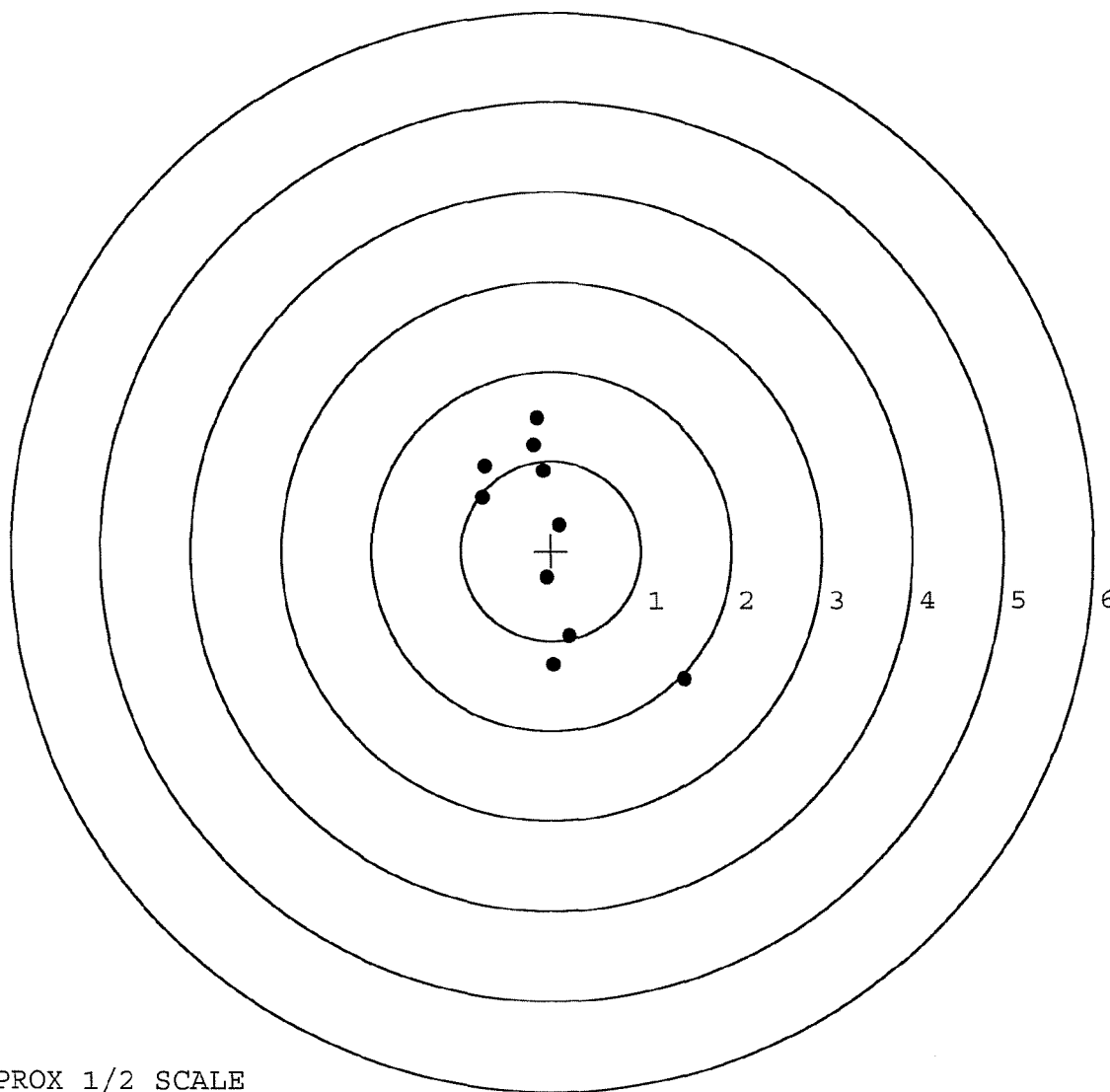


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587682. __0
TARGET NUMBER: 3
FILE DATE: 06/23/2004
FILE TIME: 07:05

X CENTROID: -0.020
Y CENTROID: 0.143
POA TO CENTROID: 0.144
HORZ SPREAD: 2.242
VERT SPREAD: 2.906
GROUP SPREAD: 3.336
MIN RADIUS: 0.182
MAX RADIUS: 2.170
MEAN RADIUS: 1.041
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.477	-1.428
2:	0.029	-1.269
3:	0.204	-0.952
4:	-0.050	-0.299
5:	0.088	0.289
6:	-0.735	0.943
7:	-0.765	0.599
8:	-0.087	0.890
9:	-0.162	1.478
10:	-0.198	1.176

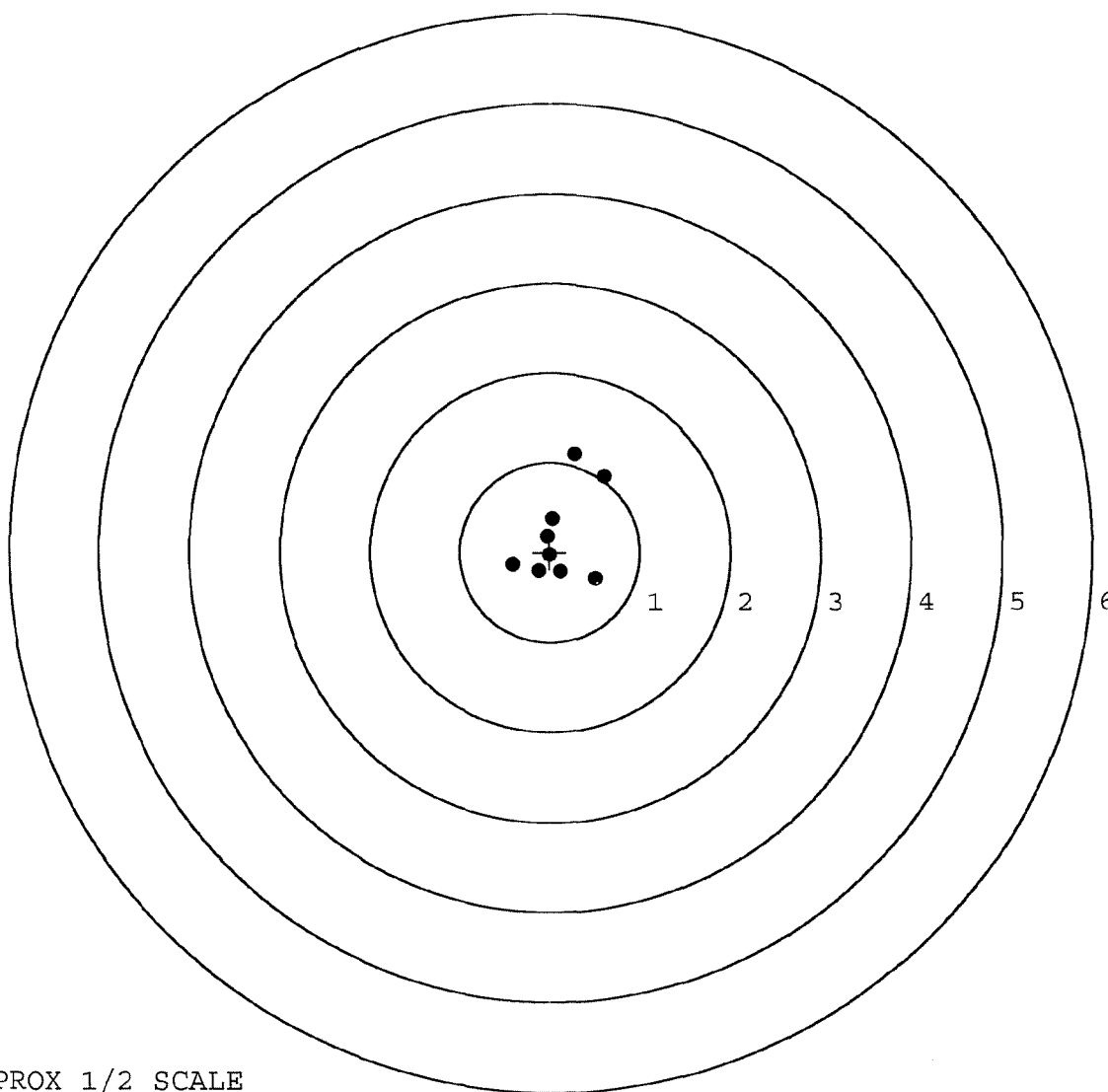


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587682. 0
TARGET NUMBER: 4
FILE DATE: 06/23/2004
FILE TIME: 07:05

X CENTROID: 0.110
Y CENTROID: 0.180
POA TO CENTROID: 0.211
HORZ SPREAD: 1.016
VERT SPREAD: 1.380
GROUP SPREAD: 1.410
MIN RADIUS: 0.135
MAX RADIUS: 0.929
MEAN RADIUS: 0.491
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.507	-0.288
2:	0.608	0.848
3:	0.285	1.092
4:	0.029	0.378
5:	-0.408	-0.136
6:	0.124	-0.215
7:	-0.122	-0.208
8:	-0.025	0.179
9:	-0.005	-0.032



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587682. 0

TARGET NUMBER: 5

FILE DATE: 06/23/2004

FILE TIME: 07:05

X CENTROID: 0.292

Y CENTROID: -0.347

POA TO CENTROID: 0.453

HORZ SPREAD: 1.530

VERT SPREAD: 2.550

GROUP SPREAD: 2.823

MIN RADIUS: 0.107

MAX RADIUS: 1.749

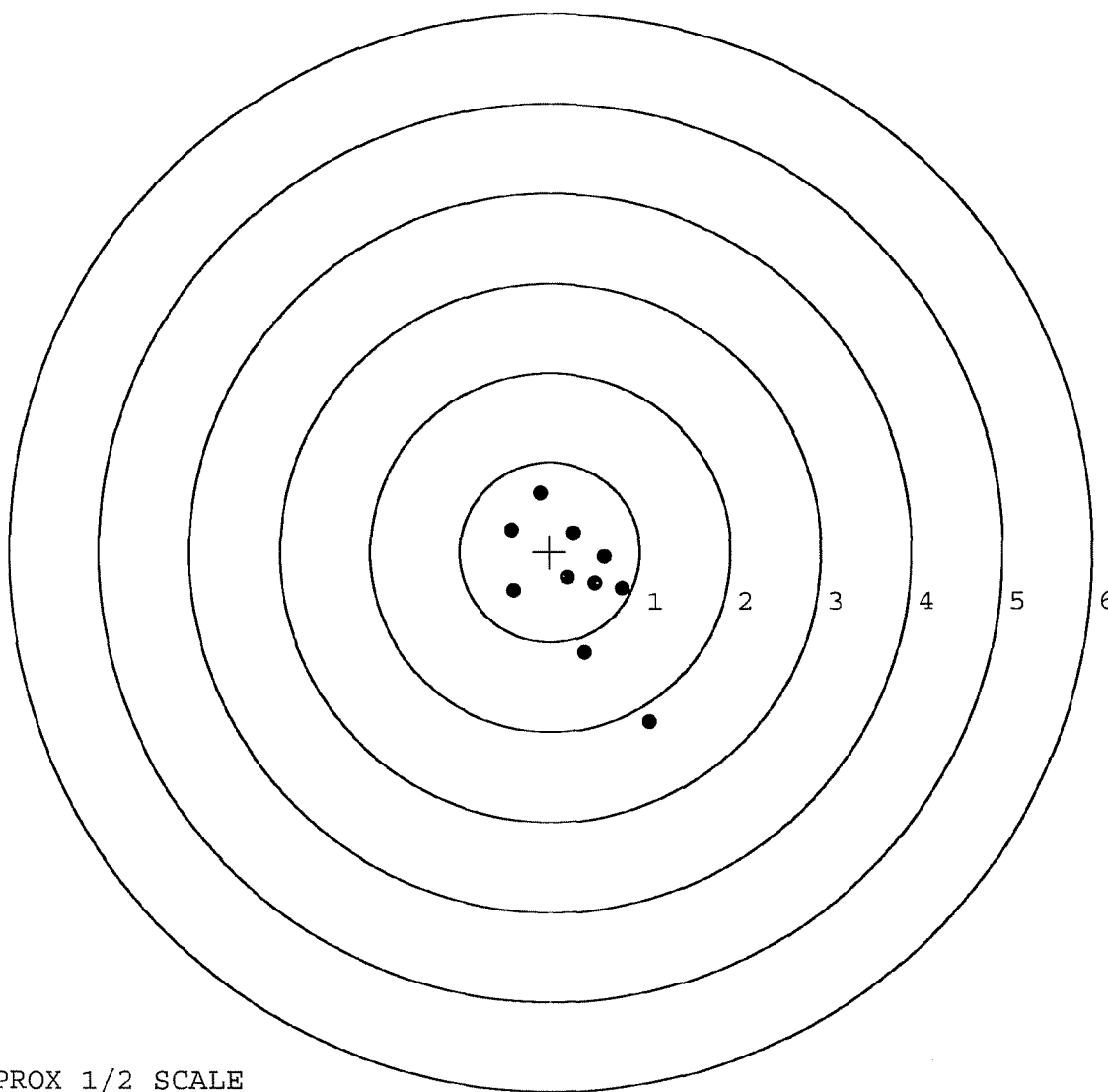
MEAN RADIUS: 0.706

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.101	-1.898
2:	0.389	-1.118
3:	-0.404	-0.436
4:	0.200	-0.292
5:	-0.429	0.242
6:	-0.110	0.652
7:	0.260	0.210
8:	0.607	-0.060
9:	0.506	-0.353
10:	0.804	-0.413



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	81617		
SERIAL NUMBER	C6587682		
LOG-IN DATE	6-7-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	6-8-04	RTL
560 A	RE-BARREL	6-15-04	RTL
B	DRILL AND TAP	6-15-04	RTL
575	ASSEMBLE	6-15-04	RTL
600	PROOF	6-15-04	RTL
605	CHECK HEADSPACE	6-15-04	RTL
610	DIS-ASSEMBLE GUN	6-15-04	RTL
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	6-16-04	SB
618	ROTO-BLAST	6/17/2004	Dans
620	APPLY COATINGS	6-22	TA
625 A	FINAL ASSEMBLY	6-23-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	6-23-04	AL
655	FINAL INSPECT	6-30-04	RTL
660	PACK	7-1-04	DA
		SHIP DATE	
	QAR INSPECTION DATE		

Remington.



VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700TM M24

SERIAL NO.
C6587682

ORDER NO.
5716

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.

20



5716 C6587682

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587682

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1228	90	RW
600	Proof	1228	90	RW
607	Check Headspace	1228	90	RW
610	Dis-assemble Gun	1228	90	RW
612	Magnaflux Barrel Action		1-7-91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	JS
617	Drill and Tap Sight Holes	1 10 91		FB
618	Polish Barrel	1 10 91		WB
620	Apply Coatings (Barrel Action)		1-26-91	HA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/28/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/28/91	RW
	C) Inspect Ejector Hole for Chamfer		1/28/91	RW
	D) Oil Firing Pin Ass'y		1/28/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/4/91	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 3/4	5 3/4	5 3/4			7/4/91	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			7/4/91	WB
	H) Trigger Pull Test & Retainability						2/4/91	JH
	I) Firing Pin Indent	1.022	1.0225	.022			7/4/91	WB
	J) Assemble Stock						2/8/91	RW
	K) Assemble Swivel Studs						2-21-91	A
	L) Attach Front and Rear Sight Assemblies						2/8/91	RW
	M) Iron Sight Alignment						2/8/91	RW
	N) Detach Front & Rear Sights & place in numbered container						2/8/91	RW
	O) Attach Scope to Rifle						2/8/91	RW
	P) Detach & Attach Scope 20 Times						2/8/91	RW
640	Gallery Target & Test						2-8-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						2-8-91	NF
655	Final Inspection							
	A) Headspace						2-21-91	A
	B) Trigger Pull	237	239	2.43	2.40	2.35	7/18/91	WB
	C) Function						2-21-91	A
660	Pack						3-14-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C65-87682

DATE 2-4-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.18	2.50	2.37	2.37	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.19	2.25	2.38	2.39	
PULL #3	2.46	2.33	2.33	2.43	
PULL #4	2.46	2.47	2.35	2.40	
PULL #5	2.30	2.36	2.37	2.35	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.50	3.29		
PULL #2	3.27	3.35		
PULL #3	3.27	3.32		
PULL #4	3.28	3.37		
PULL #5	3.24	3.37		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.41	4.45		4.32
PULL #2	4.47	4.37		4.38
PULL #3	4.39	4.37		4.26
PULL #4	4.47	4.23		4.35
PULL #5	4.35	4.38		4.35
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587682
9 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.086977
1 TO	2	.137233
1 TO	3	.159762
1 TO	4	.255409
1 TO	5	.0656049

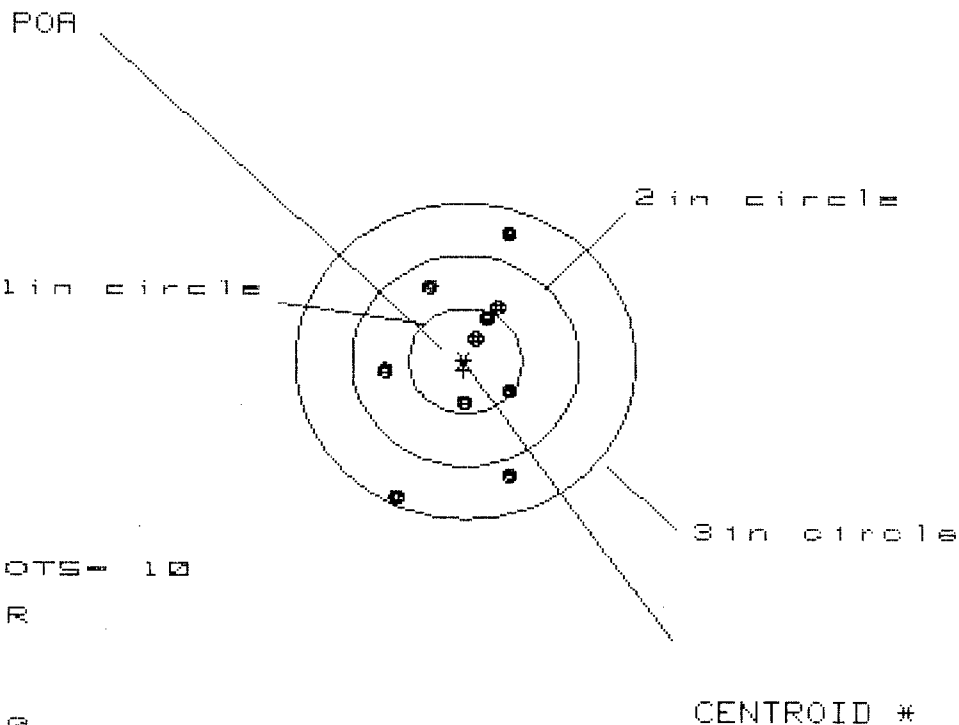
24 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0616
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .114
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .129579
THE AMR FOR THIS RIFLE IS: .878

8 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C65876B2

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 7

3 in = 10

HS= 1.148

VS= 2.524

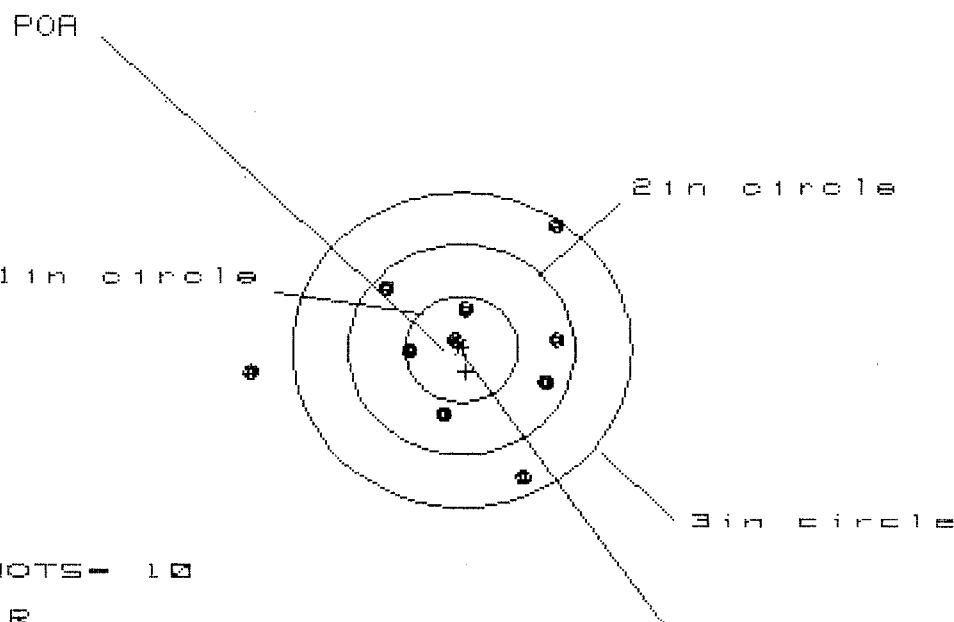
GS= 2.701

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.391	.328	.363
MINIMUM X	-.757	-.820	-.779
MAXIMUM Y	1.231	1.087	.746
MINIMUM Y	-1.293	-1.232	-1.096
CENTROID X	.013	.076	.035
CENTROID Y	.086	.230	.094
POA TO CENTROID in.	.087	.242	.100
MIN RADIUS	.244	.088	.230
MEAN RADIUS	.757	.649	.605
MAX RADIUS	1.413	1.273	1.154
HORIZONTAL SPREAD	1.148	1.148	1.142
VERTICAL SPREAD	2.524	2.319	1.842
EXTREME SPREAD	2.701	2.319	1.982
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

8 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587682

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in - 3

2in - 7

3in - 9

HS- 2.723

VS= 2.384

GS= 2.863

CENTROID #

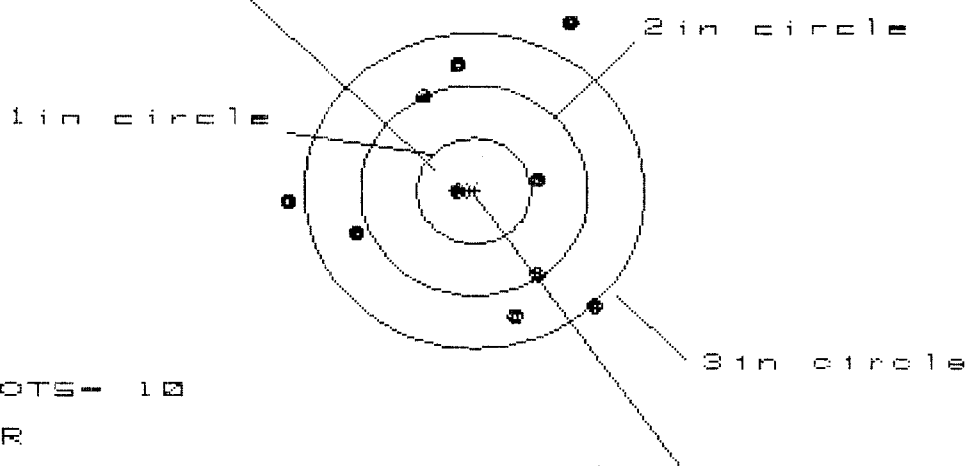
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.881	.676	.751
MINIMUM X	:	-1.842	-.864	-.789
MAXIMUM Y	:	1.143	1.122	.747
MINIMUM Y	:	-1.241	-1.262	-1.122
CENTROID X	:	-.039	.166	.091
CENTROID Y	:	.213	.234	.094
POA TO CENTROID in.	:	.216	.287	.130
MIN RADIUS	:	.045	.224	.218
MEAN RADIUS	:	.873	.771	.700
MAX RADIUS	:	1.852	1.313	1.204
HORIZONTAL SPREAD	:	2.723	1.540	1.540
VERTICAL SPREAD	:	2.384	2.384	1.869
EXTREME SPREAD	:	2.963	2.396	2.236
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			9	

8 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587682

CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 4

3 in = 7

HS= 2.618

VS= 2.728

GS= 3.011

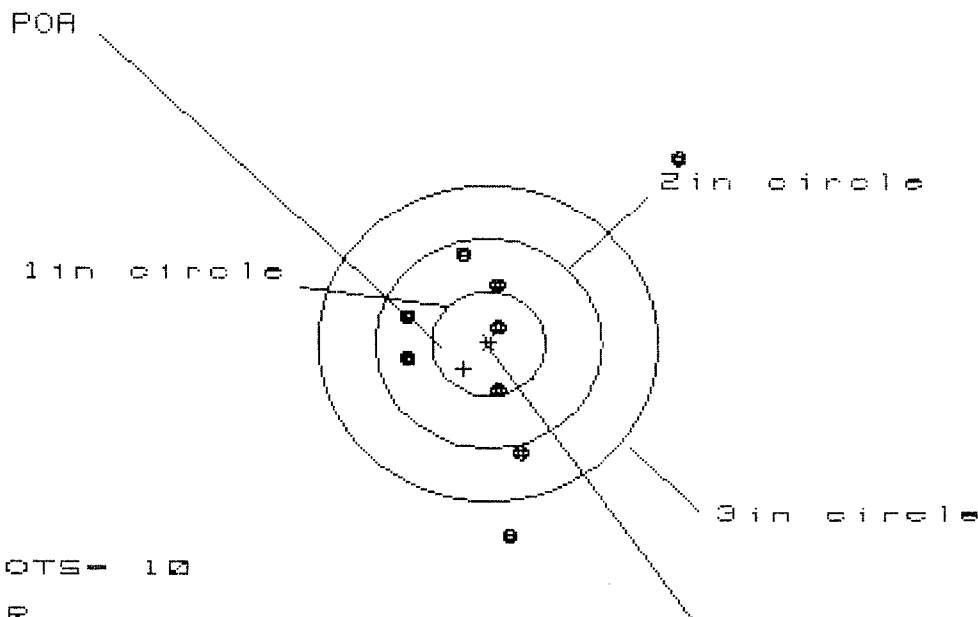
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.016	1.115	.927
MINIMUM X	:	-1.602	-1.503	-1.099
MAXIMUM Y	:	1.568	1.341	1.348
MINIMUM Y	:	-1.160	-.986	-.979
CENTROID X	:	.145	.046	.234
CENTROID Y	:	-.004	-.178	-.185
POA TO CENTROID in.	:	.145	.184	.298
MIN RADIUS	:	.140	.184	.295
MEAN RADIUS	:	1.102	1.021	.946
MAX RADIUS	:	1.804	1.504	1.373
HORIZONTAL SPREAD	:	2.618	2.518	2.026
VERTICAL SPREAD	:	2.728	2.327	2.327
EXTREME SPREAD	:	3.011	2.798	2.565
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			7	

8 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587682

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in - 2

2in - 7

3in = 8

HS- 2.397

VS= 3.630

GS= 3.920

CENTROID #

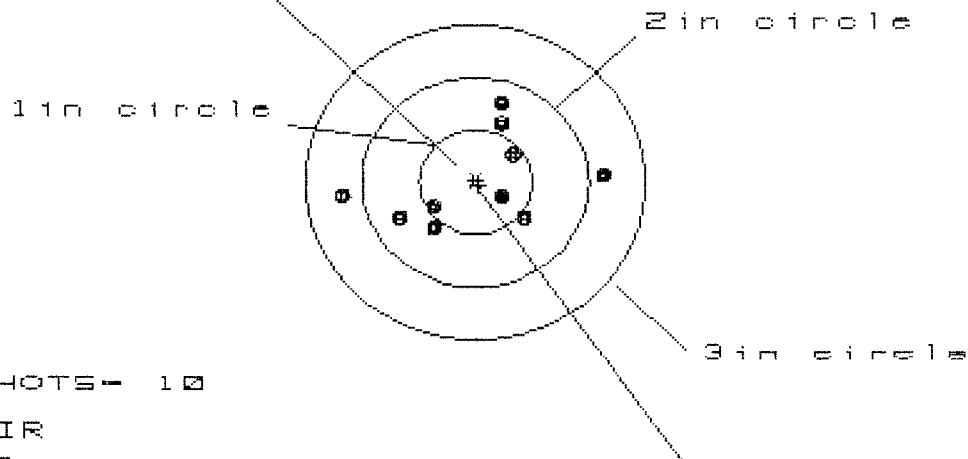
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.636	.458	.500
MINIMUM X	:	-.761	-.579	-.537
MAXIMUM Y	:	1.786	1.093	.888
MINIMUM Y	:	-1.844	-1.646	-1.080
CENTROID X	:	.216	.034	-.008
CENTROID Y	:	.241	.043	.248
POA TO CENTROID in.	:	.324	.055	.248
MIN RADIUS	:	.172	.369	.349
MEAN RADIUS	:	.979	.801	.660
MAX RADIUS	:	2.422	1.680	1.190
HORIZONTAL SPREAD	:	2.397	1.037	1.037
VERTICAL SPREAD	:	3.630	2.739	1.968
EXTREME SPREAD	:	3.920	2.765	2.030
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

8 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587682

CENTERFIRE PATTERNS # 5

POA



OF SHOTS- 10

IN CIR

1in - 3

2in - 8

3in = 10

HS= 2.342

VS= 1.224

GS= 2.349

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.148	1.015	.438
MINIMUM X	-1.194	-.836	-.709
MAXIMUM Y	.758	.742	.744
MINIMUM Y	-.466	-.482	-.480
CENTROID X	-.027	.106	-.021
CENTROID Y	.034	.050	.048
POA TO CENTROID in.	.044	.117	.053
MIN RADIUS	.254	.179	.258
MEAN RADIUS	.679	.604	.556
MAX RADIUS	1.203	1.016	.793
HORIZONTAL SPREAD	2.342	1.851	1.147
VERTICAL SPREAD	1.224	1.224	1.224
EXTREME SPREAD	2.349	1.888	1.449
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	