

C6611787

MODEL 700™ M24

Model 5145

Action 7M

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.



Repair Inquiry

Repair Number: **RE00103505**Serial: C6611787 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

New 11/9/2005 3:02:31 PM

Verify Repair

Address Information

Customer:

☒ Received From:

Return To:

☐ Received From:Name: **CDR 342 AND MPBN****CDR 342 AND MPBN**Address 1: **252 MP DEF BLDG 17076****252 MP DEF BLDG 17076**Address 2: **MICHIGAN AVE**

PO Box:

MICHIGAN AVE

PO Box:

City: **FORT LEONARD WOOD****FORT LEONARD WOOD**State: **MO**Zip Code: **65473**Country: **US**State: **MO**Zip Code: **65473**Country: **US**

FFL

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: **N/A**

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A009	Soft Case	1
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A042	Adjustable Butt Pad	1
A044	Extra Clip	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

magletj

11/9/2005

3:11 PM

CAPS

NUM

INS

SCPL

start

3

3

3

3

Arms Services

Serial Number:

C6611787Model: **M24 SWS****RE00103505**

1a. SAMS-2 UIC/SAMS-I/TDA		2b. UTILIZATION CODE		2c. MCSR		4a. UIC SUPPORT UNIT		4b. SUPPORT UNIT NAME <i>Remington Arms Company</i>					
SECTION III - EQUIPMENT DATA													
5. TYPE MNT REQ CODE		6. ID		7. NSN <i>1005-D1-2402136</i>		15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751							
8. MODEL <i>M24</i>		9. NOUN <i>762mm Sniper Weapon System</i>		10a. ORG WON/DOC NO		10b. EIC		15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751		16. MILES/KILOMETERS/HOURS/ROUNDS M K H R			
1. SERIAL NUMBER <i>6661787</i>		12. QTY <i>1</i>		13. PD <i>03</i>		17. PROJECT CODE (if assigned)		18. ACCOUNT PROCESSING CODE		19. IN WARRANTY? (enter Y or N)		20. ADMIN NO	
3. MALFUNCTION DESCRIPTION (for DSU, GSUI/AVIM, DEPOT use)						21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)							
						22. LEVEL OF WORK			23. SIGNATURE				
4. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not describe repairs) <i>After 10 rounds the bolt becomes hard to unlock and extract</i>													
5. REMARKS <i>ADF-W91258 5217-0001 R&R# W52 H09-5222-H244</i> <i>FTE W91258 5217-0002</i>													
6. TECHNICAL REFERENCES													

SECTION IV - TASK REQUIREMENTS DATA									
27a. FILE INPUT ACT CD	27b. TASK NO	27c. ACT CODE	27d. TASK DESCRIPTION	27e. QTY TO BE RPR	27f. WORK CENTER	27g. FAILURE CODE	27h. MH PROJ	27i. MH EXP	

SECTION V - PART REQUIREMENTS											
28a. FILE INPUT ACT CD	28b. TASK NO	28c. ID NO	28d. NSN OR PART NUMBER	28e. SFX CD	28f. QTY RQD	28g. QTY ISSUED	28h. NMCS CD	28i. FAILURE CODE	28j. STORAGE LOCATION	28k. INITIALS	28l. COST \$
28m. TOTAL MANHOURS			28n. TOTAL MANHOURS COSTS \$			28o. TOTAL PARTS COSTS \$					

SECTION VI - COMPLETION DATA									
29. QTY RPR		30. QTY CONDEMN		31. QTY NRTS		32. EVAC WON		33. EVAC UNIT NAME	

SECTION VII - ACTION SIGNATURES																					
34a. SUBMITTED BY <i>[Signature]</i>		35a. ACCEPTED BY		35c. DATE		36a. WORK STARTED BY		37a. INSPECTED BY		38a. PICKED UP BY											
35b. STATUS		35d. TIME		36b. STATUS		36c. DATE		36d. TIME		37b. STATUS		37c. DATE		37d. TIME		38b. STATUS		38c. DATE		38d. TIME	

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611787.___0
FILE DATE AND TIME: 11/29/2005 14:41

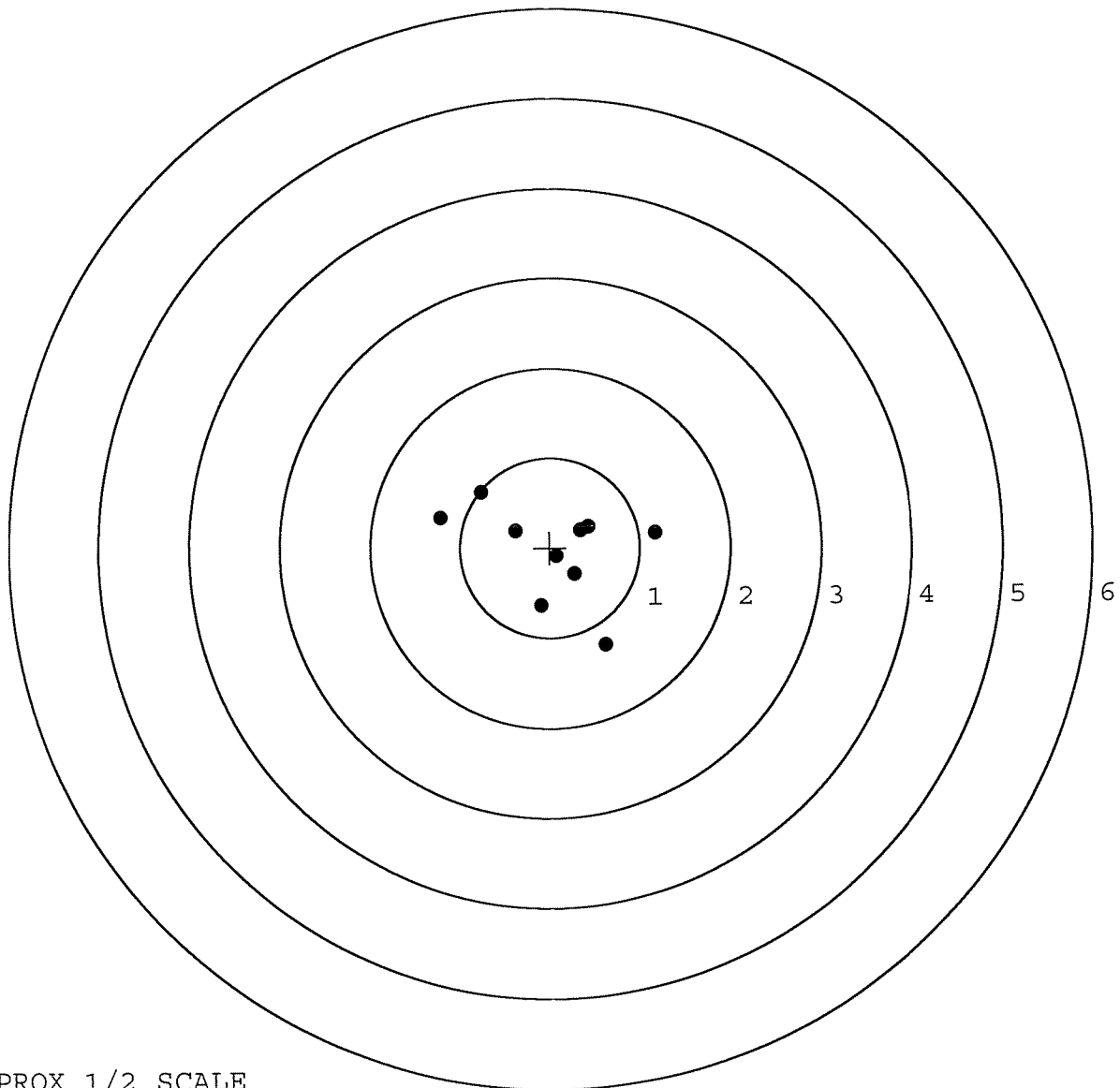
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.124
The Average Y Centroid of the Five Target Set:	-0.033
The Average Point of Impact of the Five Target Set:	0.128
The Average Mean Radius of the Five Target Set:	0.648
The Distance from POA to Centroid Target #1:	0.058
The Distance from Centroid Target #2 to Centroid Target #1:	0.042
The Distance from Centroid Target #3 to Centroid Target #1:	0.194
The Distance from Centroid Target #4 to Centroid Target #1:	0.188
The Distance from Centroid Target #5 to Centroid Target #1:	0.107

SERIAL NUMBER: C6611787. 0
 TARGET NUMBER: 1
 FILE DATE: 11/29/2005
 FILE TIME: 14:41

X CENTROID: 0.045
 Y CENTROID: -0.037
 POA TO CENTROID: 0.058
 HORZ SPREAD: 2.385
 VERT SPREAD: 1.707
 GROUP SPREAD: 2.391
 MIN RADIUS: 0.067
 MAX RADIUS: 1.315
 MEAN RADIUS: 0.708
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.170	0.166
2:	0.614	-1.083
3:	-0.105	-0.650
4:	0.277	-0.298
5:	0.076	-0.096
6:	0.343	0.196
7:	0.433	0.238
8:	-0.385	0.193
9:	-0.761	0.624
10:	-1.215	0.341

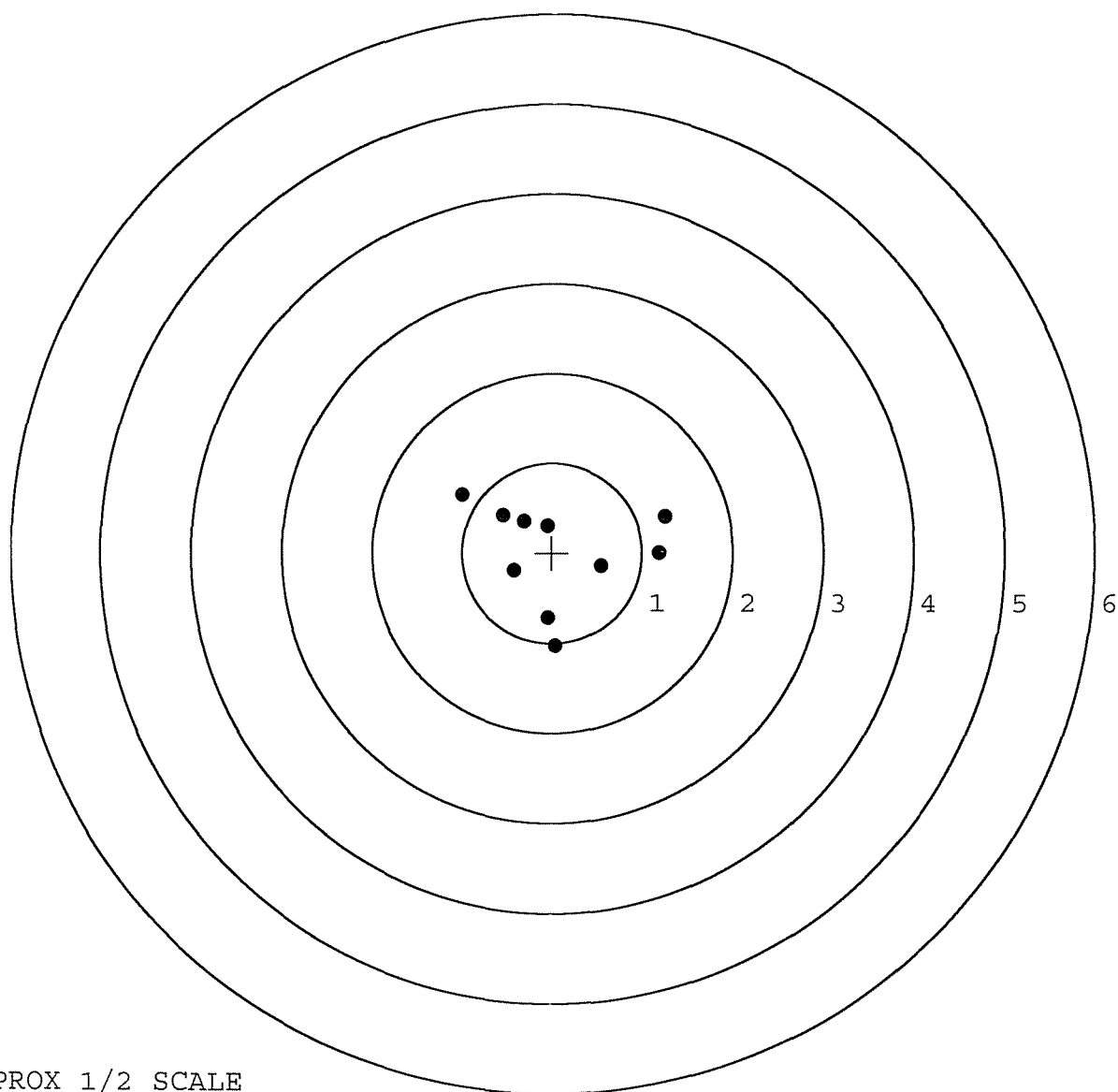


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611787. 0
 TARGET NUMBER: 2
 FILE DATE: 11/29/2005
 FILE TIME: 14:41

X CENTROID: 0.062
 Y CENTROID: 0.001
 POA TO CENTROID: 0.062
 HORZ SPREAD: 2.253
 VERT SPREAD: 1.679
 GROUP SPREAD: 2.266
 MIN RADIUS: 0.319
 MAX RADIUS: 1.252
 MEAN RADIUS: 0.800
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.045	-1.036
2:	-0.050	-0.720
3:	-0.426	-0.196
4:	-0.058	0.296
5:	-0.319	0.348
6:	-0.549	0.416
7:	-1.005	0.643
8:	0.551	-0.143
9:	1.187	-0.003
10:	1.248	0.402

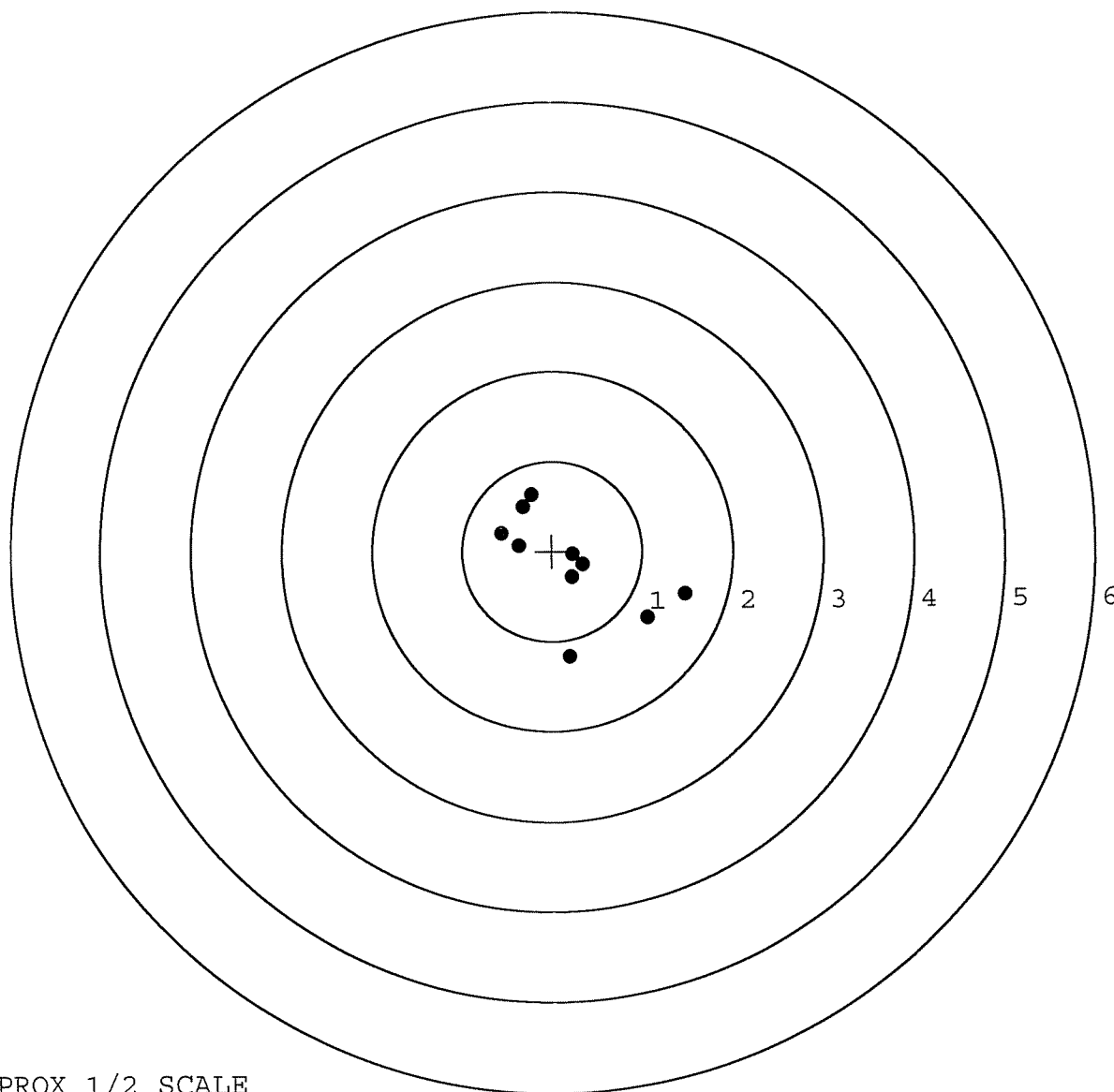


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611787. __0
 TARGET NUMBER: 3
 FILE DATE: 11/29/2005
 FILE TIME: 14:41

X CENTROID: 0.203
 Y CENTROID: -0.149
 POA TO CENTROID: 0.252
 HORZ SPREAD: 2.029
 VERT SPREAD: 1.812
 GROUP SPREAD: 2.142
 MIN RADIUS: 0.118
 MAX RADIUS: 1.309
 MEAN RADIUS: 0.695
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.469	-0.485
2:	1.054	-0.744
3:	0.197	-1.179
4:	0.221	-0.288
5:	0.233	-0.035
6:	-0.369	0.060
7:	-0.560	0.202
8:	-0.323	0.496
9:	-0.232	0.633
10:	0.343	-0.153

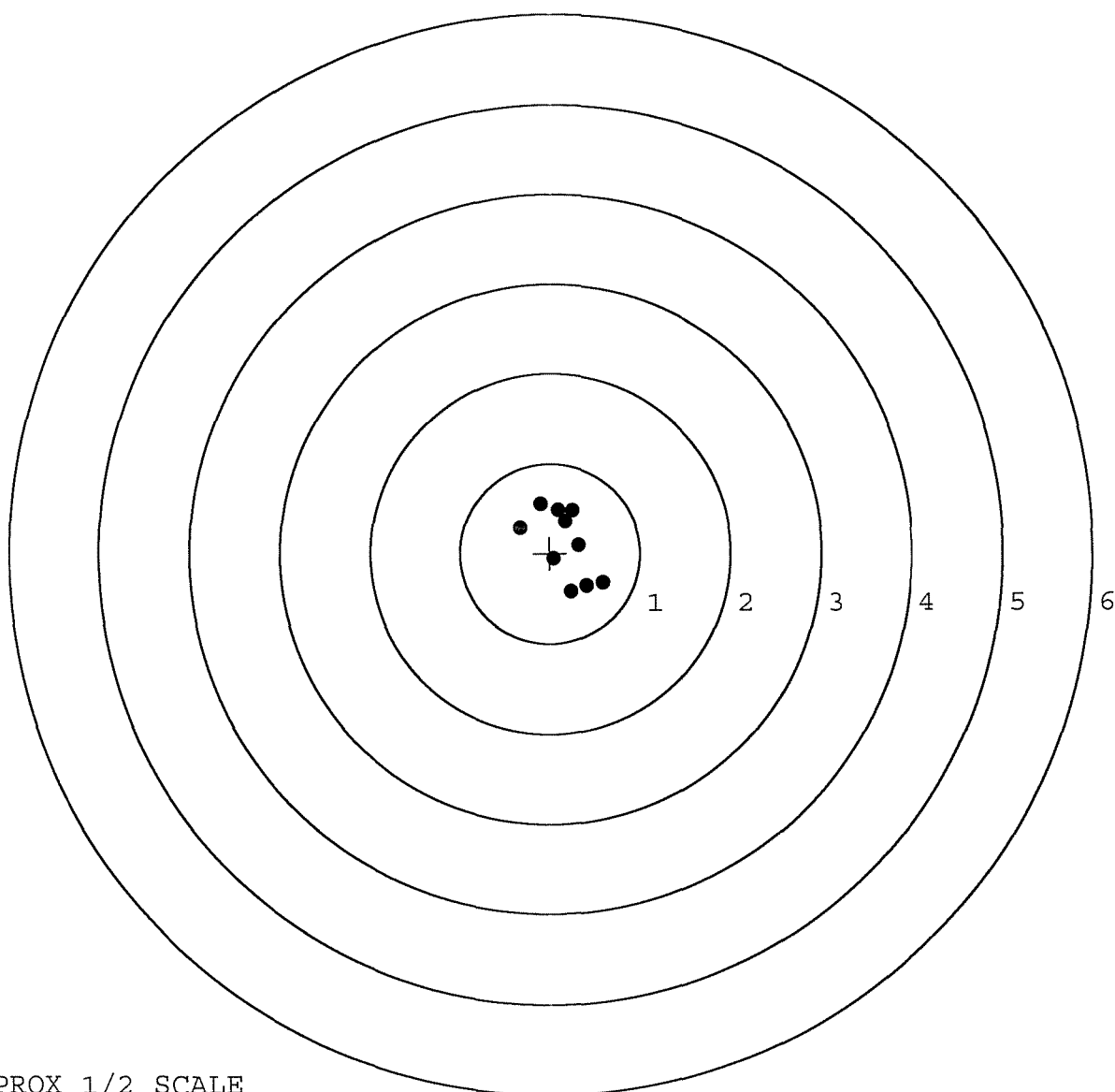


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611787. __0
 TARGET NUMBER: 4
 FILE DATE: 11/29/2005
 FILE TIME: 14:41

X CENTROID: 0.167
 Y CENTROID: 0.105
 POA TO CENTROID: 0.197
 HORZ SPREAD: 0.914
 VERT SPREAD: 0.978
 GROUP SPREAD: 1.121
 MIN RADIUS: 0.158
 MAX RADIUS: 0.605
 MEAN RADIUS: 0.411
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.587	-0.330
2:	0.413	-0.364
3:	0.237	-0.431
4:	0.041	-0.062
5:	0.324	0.092
6:	0.170	0.355
7:	0.250	0.479
8:	0.087	0.486
9:	-0.112	0.547
10:	-0.327	0.282

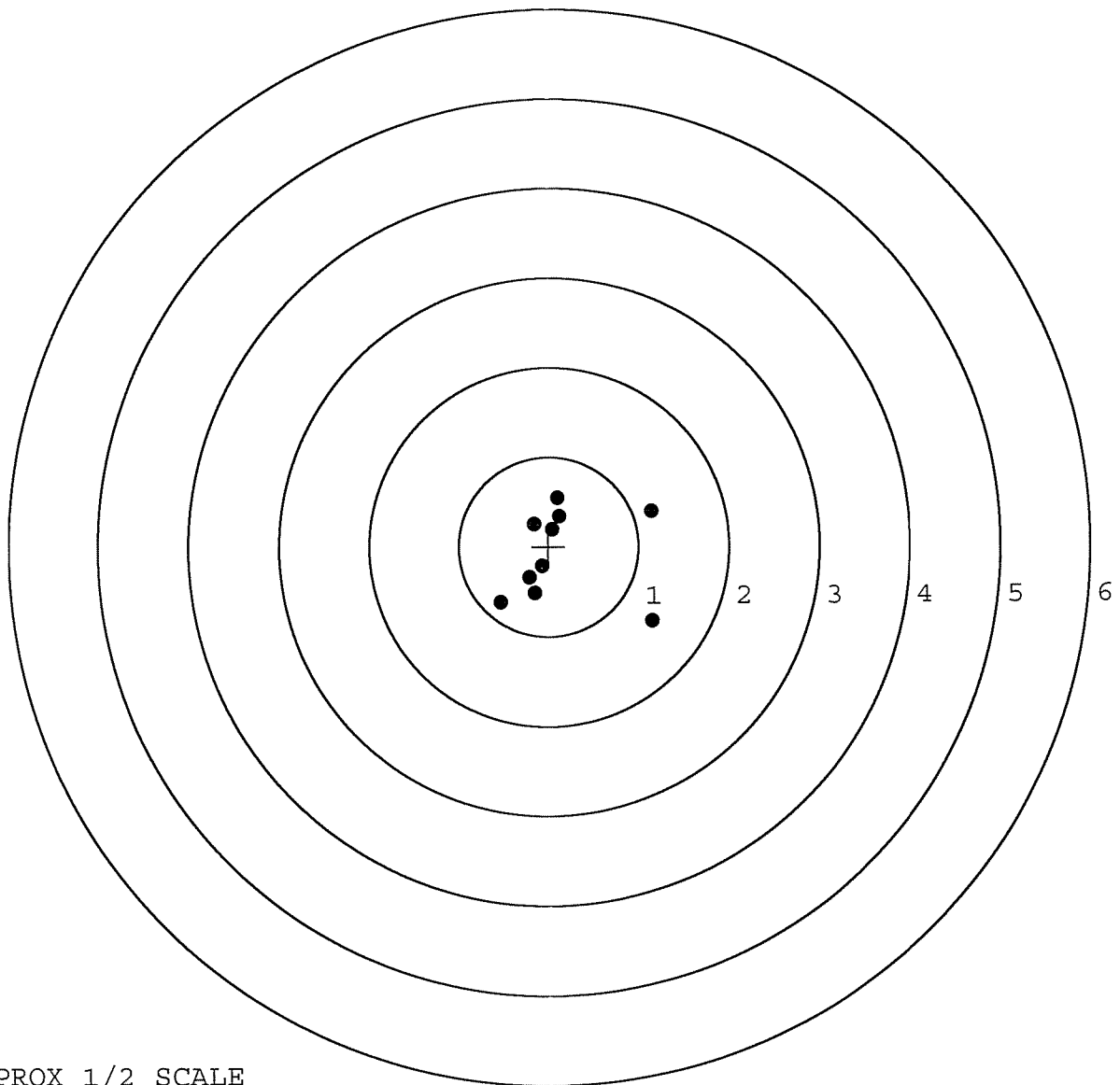


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611787. 0
 TARGET NUMBER: 5
 FILE DATE: 11/29/2005
 FILE TIME: 14:41

X CENTROID: 0.141
 Y CENTROID: -0.084
 POA TO CENTROID: 0.164
 HORZ SPREAD: 1.687
 VERT SPREAD: 1.379
 GROUP SPREAD: 1.728
 MIN RADIUS: 0.261
 MAX RADIUS: 1.255
 MEAN RADIUS: 0.627
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.148	-0.834
2:	1.142	0.390
3:	0.106	0.545
4:	-0.161	0.249
5:	0.045	0.191
6:	-0.080	-0.223
7:	-0.159	-0.525
8:	-0.539	-0.626
9:	0.121	0.339
10:	-0.214	-0.351



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	103505			
SERIAL NUMBER	C6601787			
LOG-IN DATE	11-9-05			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		11-14-05	RT
505	RE-BARREL		11-15-05	RT
560	ASSEMBLE		11-15-05	CD
600	PROOF	MAGNA-FLUX	11-15-05	CD
605	CHECK HEADSPACE	INSPECTED	11-15-05	CD
610	DIS-ASSEMBLE GUN	NOV 18 2005	11-15-05	CD
612	MAGNAFLUX	OPERATOR <i>uncl</i>	11/18/05	<i>uncl</i>
510	DRILL AND TAP		11-18-05	BR
615	ROLLMARK CALIBER		11-18-05	CW
618	ROTO-BLAST		11-21-05	LB
620	APPLY COATINGS		11/22/05	RB
625	FINAL ASSEMBLY		11-28-05	RT
640	FUNCTION TEST AND	PASS FAIL	11-29-05	TRW
650	TARGET	PASS FAIL	11-29-05	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	11-29-05	TRW
670	FINAL INSPECTION		11-29-05	Ac
	A) HEADSPACE	PASS FAIL	11-29-05	Ac
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS		X
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS	7 lbs 4 lbs 4 lbs	Ac
	G) SAFETY OFF FORCE	2 LBS MIN	3 lbs 3 lbs 3 lbs	Ac
	I) FIRING PIN INDENT	.020	.022 .022 .022	Ac
690	PACK		12-3-05	BM

Remington®



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

MODEL 700™ N24

SERIAL NO.
C6611787

ORDER NO.
5716

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

46



5716 C6611787

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611787

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 28	91	RW
600	Proof	3 28	91	RW
607	Check Headspace	3 28	91	RW
610	Dis-assemble Gun	3 28	91	RW
612	Magnaflux Barrel Action	APR	2 1991	KR
	Magnaflux Bolt	APR	2 1991	CC
615	Rollmark Caliber	APR	2 1991	GS
617	Drill and Tap Sight Holes	APR	5 1991	LB
618	Polish Barrel	APR	5 1991	WB
620	Apply Coatings (Barrel Action)	4-9-91		JH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/10/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/10/91	RW
	C) Inspect Ejector Hole for Chamfer		4/10/91	RW
	D) Oil Firing Pin Ass'y		4/10/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/22/91	RL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			4-22-91	D/H
	G) Safety Off Force	3	3 1/2	4			4-22-91	D/H
	H) Trigger Pull Test & Retainability						4/22/91	924
	I) Firing Pin Indent	.020	.020	.021			4-22-91	D/H
	J) Assemble Stock						4/22/91	RW
	K) Assemble Swivel Studs						5-1-91	D/H
	L) Attach Front and Rear Sight Assemblies						4/22/91	RW
	M) Iron Sight Alignment						4/22/91	RW
	N) Detach Front & Rear Sights & place in numbered container						4/22/91	RW
	O) Attach Scope to Rifle						4/22/91	RW
	P) Detach & Attach Scope 20 Times						4/22/91	RW
640	Gallery Target & Test						4-23-91	AC
	A) Time						4-23-91	AC
	B) Malfunctions						4-23-91	AC
	C) Pierced Primers						4-23-91	AC
	D) Optical Clarity of Scope						4-23-91	AC
645	Inspect for Live Ammo						4-23-91	AC
655	Final Inspection							
	A) Headspace						5-1-91	D/H
	B) Trigger Pull	2.45	2.42	2.48	2.50	2.52	4/24/91	924
	C) Function						5-1-91	D/H
660	Pack						6-19-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611787DATE 4/22/91TESTER JPL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.38	2.36	2.45	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.40	2.40	2.42	
PULL #3	2.35	2.41	2.22	2.48	
PULL #4	2.42	2.41	2.36	2.50	
PULL #5	2.43	2.38	2.36	2.52	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.44	3.24		
PULL #2	3.45	3.24		
PULL #3	3.41	3.18		
PULL #4	3.26	3.25		
PULL #5	3.24	3.28		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.34	4.25		4.33
PULL #2	4.17	4.25		4.36
PULL #3	4.25	4.23		4.28
PULL #4	4.23	4.22		4.30
PULL #5	4.18	4.24		4.35
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611787
23 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.24286
1 TO	2	.403708
1 TO	3	.561393
1 TO	4	.470202
1 TO	5	.162641

$\frac{25}{4}$

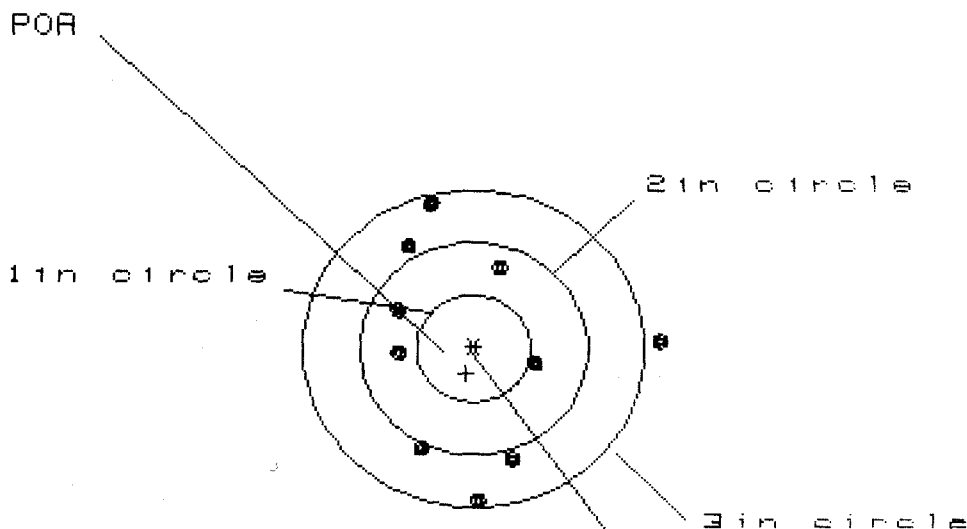
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1662
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .204
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .263132
THE AMR FOR THIS RIFLE IS: .9378

23 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611787

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in - 0

2in - 4

3in - 9

HS- 2.318

VS- 2.825

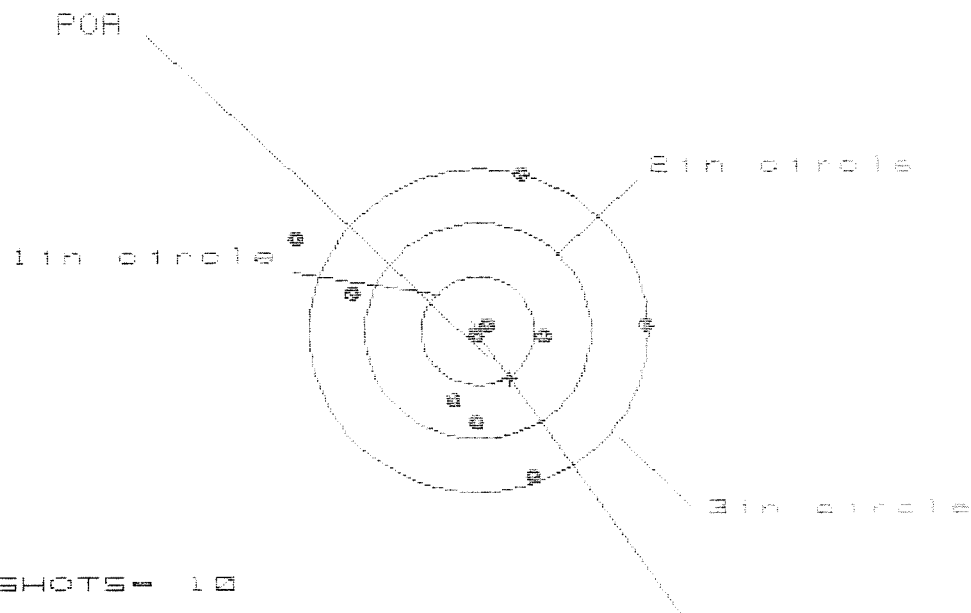
GS- 2.851

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.624	.720	.696
MINIMUM X	-.694	-.513	-.537
MAXIMUM Y	1.414	1.418	1.186
MINIMUM Y	-1.411	-1.407	-1.229
CENTROID X	.065	-.116	-.092
CENTROID Y	.234	.230	.052
POA TO CENTROID in.	.242	.257	.106
MIN RADIUS	.565	.518	.546
MEAN RADIUS	1.052	.969	.906
MAX RADIUS	1.625	1.431	1.245
HORIZONTAL SPREAD	2.318	1.233	1.233
VERTICAL SPREAD	2.825	2.825	2.415
EXTREME SPREAD	2.851	2.851	2.476
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

23 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611787

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS = 3.055

VS = 2.764

GS = 3.140

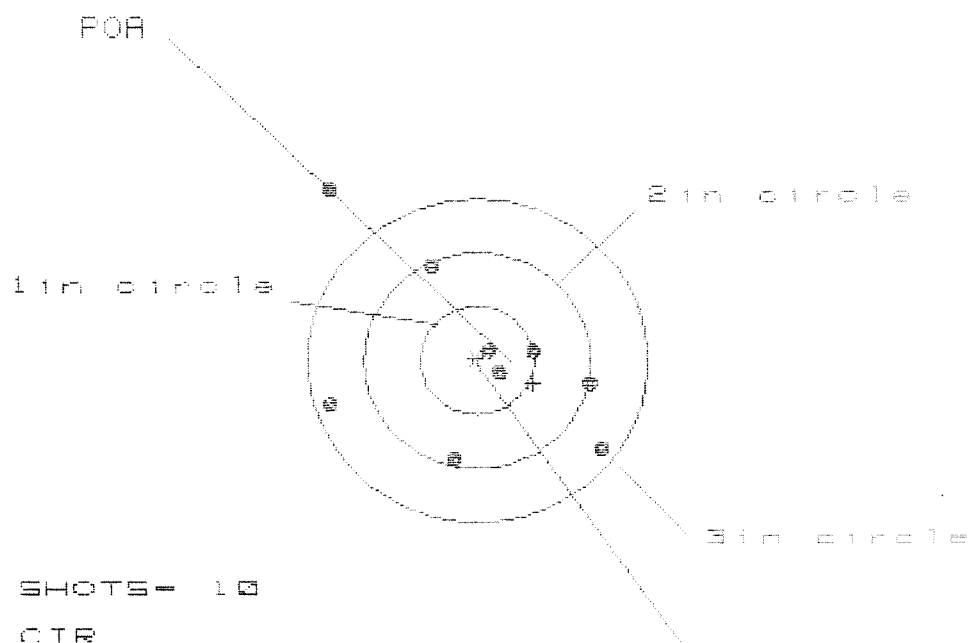
CENTROID #

PATTERN #	:	2	3	4
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.446	1.268	1.288
MINIMUM X	:	-1.609	-1.282	-1.262
MAXIMUM Y	:	1.446	1.538	.691
MINIMUM Y	:	-1.318	-1.226	-1.034
CENTROID X	:	-.281	-.103	-.123
CENTROID Y	:	.442	.350	.158
POA TO CENTROID in.	:	.524	.365	.201
MIN RADIUS	:	.076	.236	.320
MEAN RADIUS	:	.960	.863	.767
MAX RADIUS	:	1.808	1.546	1.438
HORIZONTAL SPREAD	:	3.055	2.550	2.550
VERTICAL SPREAD	:	2.764	2.764	1.725
EXTREME SPREAD	:	3.140	2.769	2.569
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

23 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611787

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 7

3 in = 9

HS= 2.386

VS= 2.444

GS= 3.359

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.110	.968	.938
MINIMUM X	-1.276	-1.411	-1.290
MAXIMUM Y	1.537	1.029	.947
MINIMUM Y	-.987	-.737	-.819
CENTROID X	-.496	-.354	-.475
CENTROID Y	.213	.043	.125
POA TO CENTROID in.	.540	.356	.491
MIN RADIUS	.174	.185	.209
MEAN RADIUS	.875	.703	.664
MAX RADIUS	1.998	1.434	1.333
HORIZONTAL SPREAD	2.386	2.379	2.228
VERTICAL SPREAD	2.444	1.766	1.766
EXTREME SPREAD	3.359	2.413	2.234
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

23 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611787

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS= 2.535

VS= 2.246

GS= 2.908

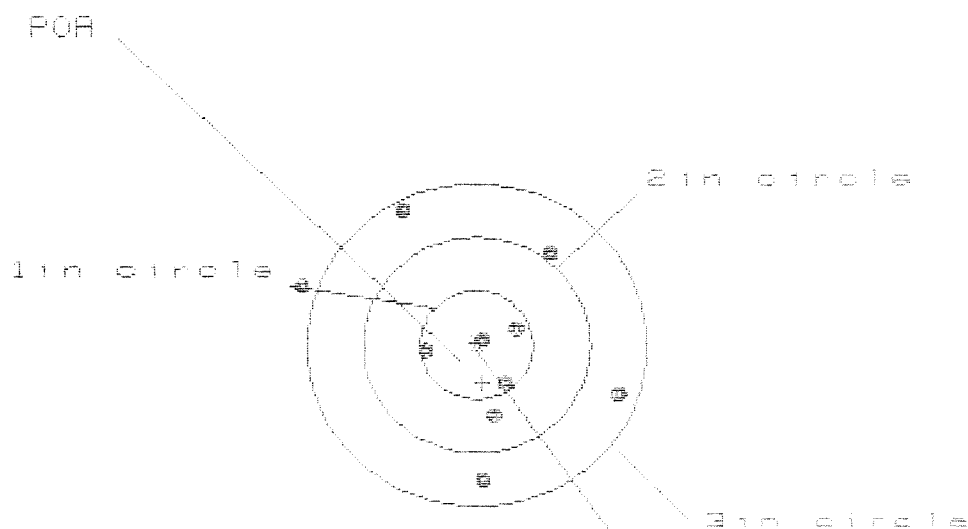
CENTROID #

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.110	1.112	.949
MINIMUM X	-1.425	-1.301	-1.776
MAXIMUM Y	1.043	.910	.867
MINIMUM Y	-1.203	-1.005	-1.048
CENTROID X	-.068	-.192	-.029
CENTROID Y	-.217	-.084	-.041
POA TO CENTROID in.	.228	.209	.050
MIN RADIUS	.281	.118	.282
MEAN RADIUS	.947	.851	.785
MAX RADIUS	1.637	1.345	1.164
HORIZONTAL SPREAD	2.535	2.413	1.725
VERTICAL SPREAD	2.246	1.915	1.915
EXTREME SPREAD	2.908	2.440	1.959
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

23 Apr 1981

FILE:/PATTERNING/CENTERFIRE_PATT/08B117B7

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 4

2 in = 5

3 in = 9

HS = 2.779

VS = 2.471

GS = 2.970

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.211
MINIMUM X	-1.568
MAXIMUM Y	1.242
MINIMUM Y	-1.229
CENTROID X	-0.051
CENTROID Y	.348
POA TO CENTROID in.	.352
MIN RADIUS	.013
MEAN RADIUS	.855
MAX RADIUS	1.674
HORIZONTAL SPREAD	2.779
VERTICAL SPREAD	2.471
EXTREME SPREAD	2.970
NUMBER IN ONE INCH CIRCLE =	4
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	9