

06611485

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Repair Number: RE00080434	Serial: C6611486 Model M24 SWS Center Fire Caliber: 7.62 NATO	Repairman:	Status: Closed 4/29/2004 10:42:09 AM
Verify Repair: High Priority			

Address Information

Customer:	☒ Received From	Return To:	☐ Received From
Name: TMO 436 APS TRTD FB 4497	TMO 436 APS TRTD FB 4497		
Address 1: 505 ATLANTIC ST	505 ATLANTIC ST		
Address 2: PO Box:	PO Box:		
City: DOVER AFB	DOVER AFB		
State: DE Zip Code: 19902 Country: US	State: DE Zip Code: 19902 Country: US		

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing
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Contact Information Phone: Fax: Email: Comments:	Received Condition Fair Condition Notes: CSR Notes:	Accessories Received <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Studs</td> <td>3</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Bases</td> <td>3</td> </tr> <tr> <td>A026</td> <td>Scope w/case</td> <td>1</td> </tr> <tr> <td>A055</td> <td>Deployment Kit</td> <td>1</td> </tr> </tbody> </table>	Code	Desc	Qty	A007	With Studs	3	A010	Hard Case	1	A017	Scope Bases	3	A026	Scope w/case	1	A055	Deployment Kit	1
Code	Desc	Qty																		
A007	With Studs	3																		
A010	Hard Case	1																		
A017	Scope Bases	3																		
A026	Scope w/case	1																		
A055	Deployment Kit	1																		

Repair Search	Refresh	Close
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maglej	4/29/2004	11:23 AM	CAPS	NUM	INS	SCPL
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start 2 5 2

Serial Number: **C6611486**
 Model: **M24 SWS**

RE00080434

SERIAL # C6611486 INSPECTED BY: RTL
 DATE REC'D: 4-29-04 DATE RET'D: 6-7-04

ITEM

BARREL ASSEMBLY

☒ BARREL
☒ RECEIVER
☒ FRONT SIGHT BASE
☒ REAR SIGHT BASE
☒ SCREWS
☒ FINISH

SCOPE ASSEMBLY

☒ SCOPE
☒ SCOPE RINGS
☒ MOUNTING SCREWS
☒ MOUNTING BASE
☒ SCREWS
☒ FINISH
☒ CLARITY

ITEM

STOCK ASSEMBLY

☒ STOCK
☒ SLING AWIVEL STUDS
☒ ADJUSTABLE
☒ BUTT PLATE
☒ LOCK NUTS
☒ BARREL CLEARANCE
☒ COLOR / FINISH

SYSTEMS CASE

☒ SCOPE CASE
☒ IRON SIGHTS
☒ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

R & E NUMBER	80434		
SERIAL NUMBER	C6611486		
LOG-IN DATE	4-29-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5-3-04	RTL
560 A	RE-BARREL	5-4-04	RTL
B	DRILL AND TAP	5-5-04	TRW
575	ASSEMBLE	5-4-04	RTL
600	PROOF	5-4-04	RTL
605	CHECK HEADSPACE	5-4-04	RTL
610	DIS-ASSEMBLE GUN	5-4-04	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	5/6/04	JB
618	ROTO-BLAST	5/7/04	22
620	APPLY COATINGS	5-10	TA
625 A	FINAL ASSEMBLY	5-17-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	5-24-04	AC
655	FINAL INSPECT	5-26-04	RTL
660	PACK	6-9-04	WA
		SHIP DATE	
	QAR INSPECTION DATE		

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611486.___0

FILE DATE AND TIME: 05/24/2004 06:32

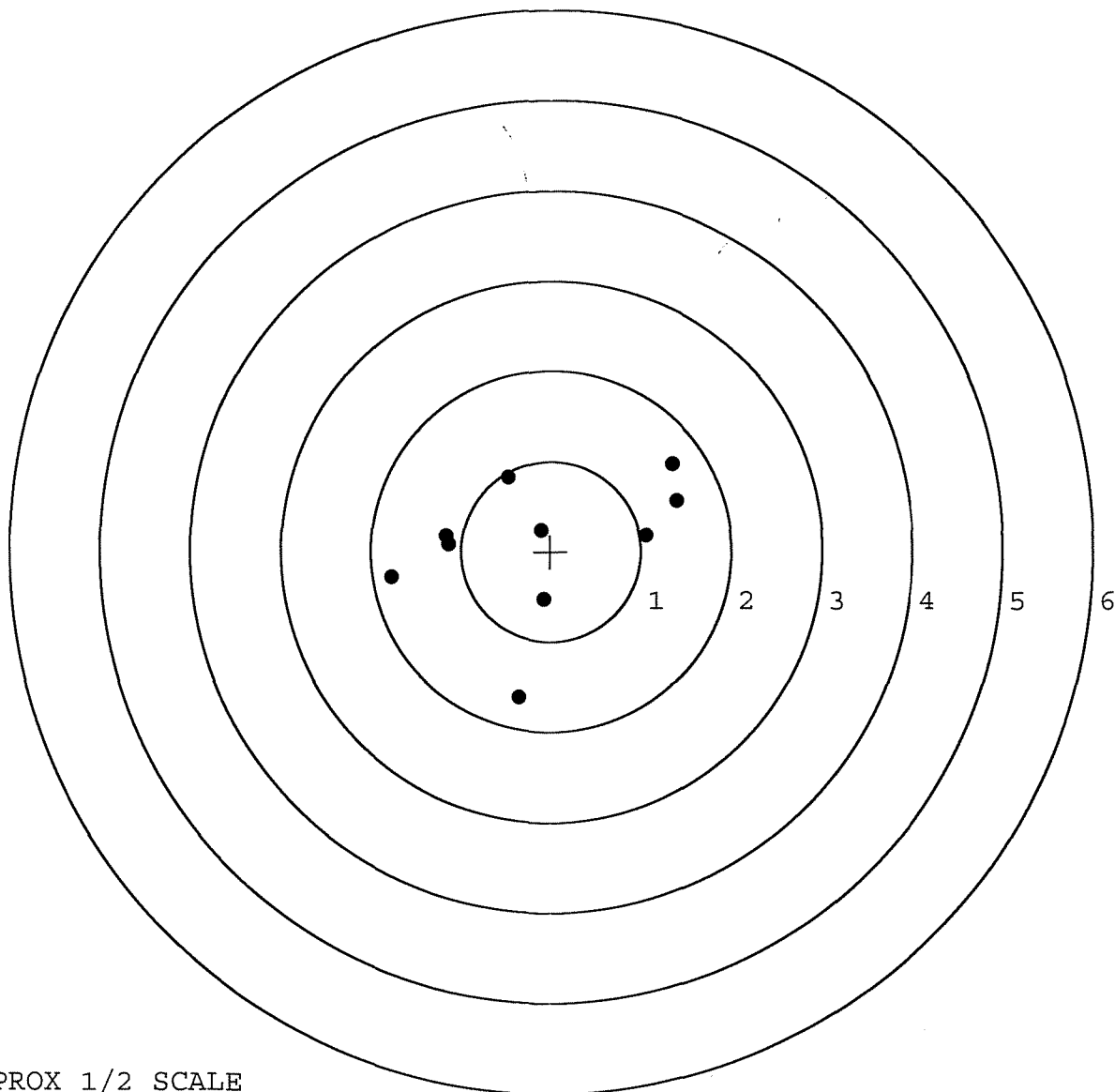
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.059
The Average Y Centroid of the Five Target Set:	0.009
The Average Point of Impact of the Five Target Set:	0.060
The Average Mean Radius of the Five Target Set:	0.780
The Distance from POA to Centroid Target #1:	0.142
The Distance from Centroid Target #2 to Centroid Target #1:	0.121
The Distance from Centroid Target #3 to Centroid Target #1:	0.239
The Distance from Centroid Target #4 to Centroid Target #1:	0.234
The Distance from Centroid Target #5 to Centroid Target #1:	0.329

SERIAL NUMBER: C6611486. __0
 TARGET NUMBER: 1
 FILE DATE: 05/24/2004
 FILE TIME: 06:32

POINT#	X	Y
1:	1.055	0.178
2:	1.388	0.556
3:	1.341	0.961
4:	-0.480	0.826
5:	-0.106	0.237
6:	-0.079	-0.535
7:	-0.353	-1.623
8:	-1.135	0.080
9:	-1.163	0.176
10:	-1.770	-0.293

X CENTROID: -0.130
 Y CENTROID: 0.056
 POA TO CENTROID: 0.142
 HORZ SPREAD: 3.158
 VERT SPREAD: 2.584
 GROUP SPREAD: 3.354
 MIN RADIUS: 0.182
 MAX RADIUS: 1.727
 MEAN RADIUS: 1.155
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 3
 # in 3 IN DIAMETER: 6

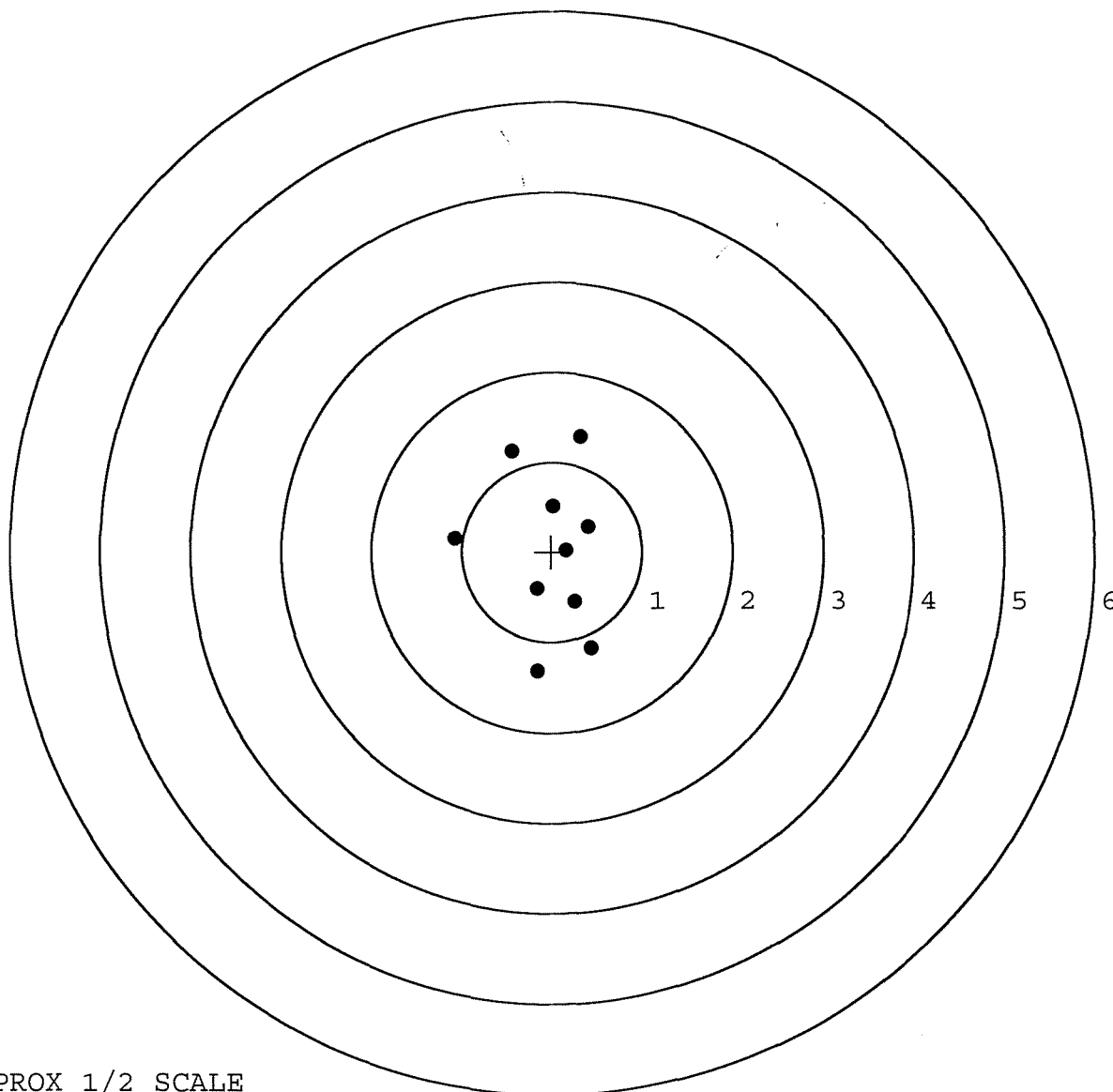


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611486.____0
 TARGET NUMBER: 2
 FILE DATE: 05/24/2004
 FILE TIME: 06:32

X CENTROID: -0.023
 Y CENTROID: -0.001
 POA TO CENTROID: 0.024
 HORZ SPREAD: 1.519
 VERT SPREAD: 2.606
 GROUP SPREAD: 2.650
 MIN RADIUS: 0.187
 MAX RADIUS: 1.329
 MEAN RADIUS: 0.837
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.442	-1.068
2:	0.259	-0.564
3:	-0.164	-0.415
4:	-0.158	-1.323
5:	0.163	0.017
6:	0.406	0.285
7:	0.015	0.510
8:	0.322	1.283
9:	-0.443	1.120
10:	-1.077	0.148

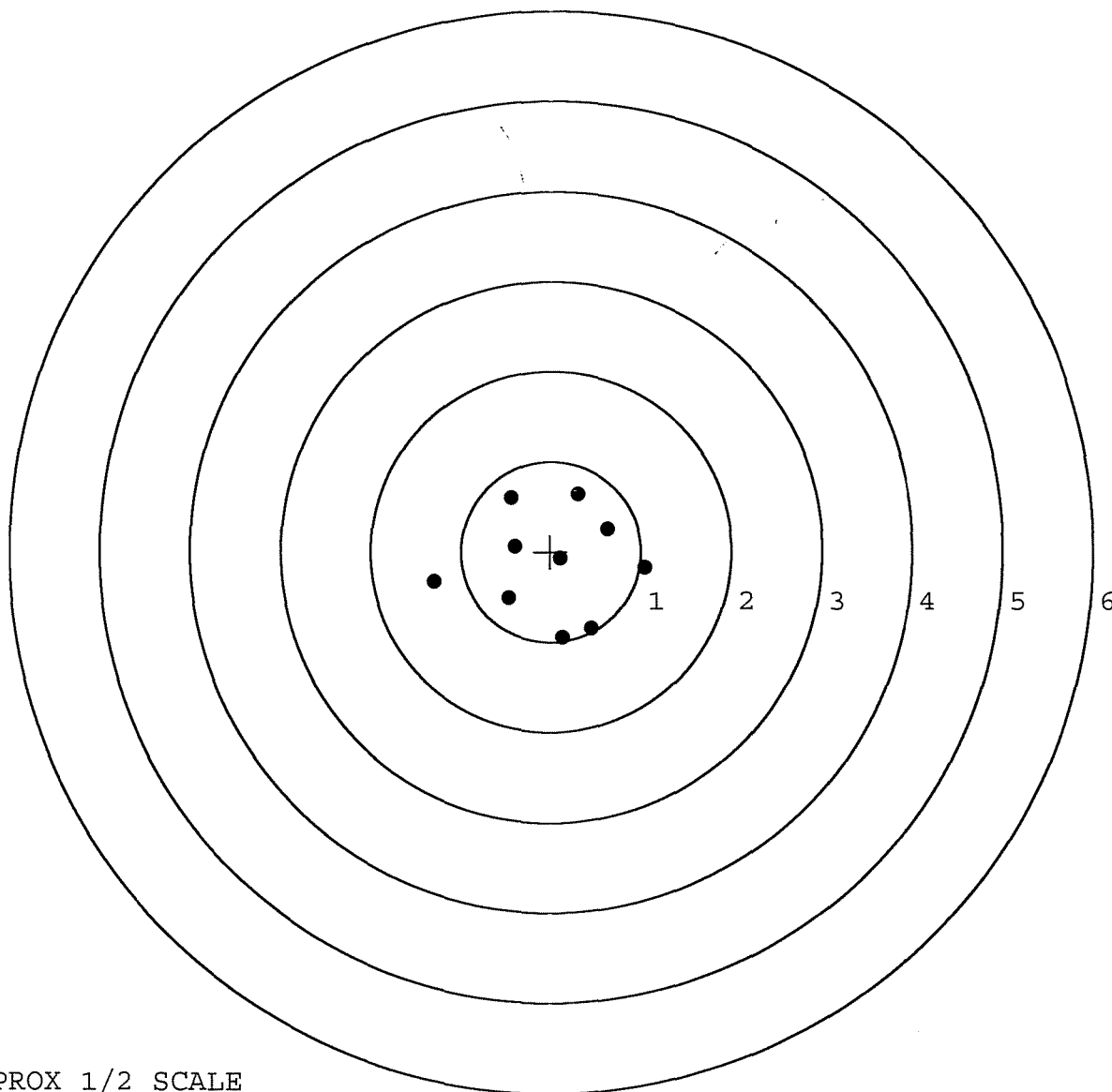


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611486. __0
 TARGET NUMBER: 3
 FILE DATE: 05/24/2004
 FILE TIME: 06:32

X CENTROID: 0.008
 Y CENTROID: -0.139
 POA TO CENTROID: 0.139
 HORZ SPREAD: 2.338
 VERT SPREAD: 1.590
 GROUP SPREAD: 2.343
 MIN RADIUS: 0.120
 MAX RADIUS: 1.317
 MEAN RADIUS: 0.764
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.460	-0.858
2:	0.134	-0.956
3:	1.044	-0.181
4:	0.632	0.251
5:	0.302	0.634
6:	-0.440	0.595
7:	-0.397	0.059
8:	-0.473	-0.518
9:	-1.294	-0.339
10:	0.112	-0.079

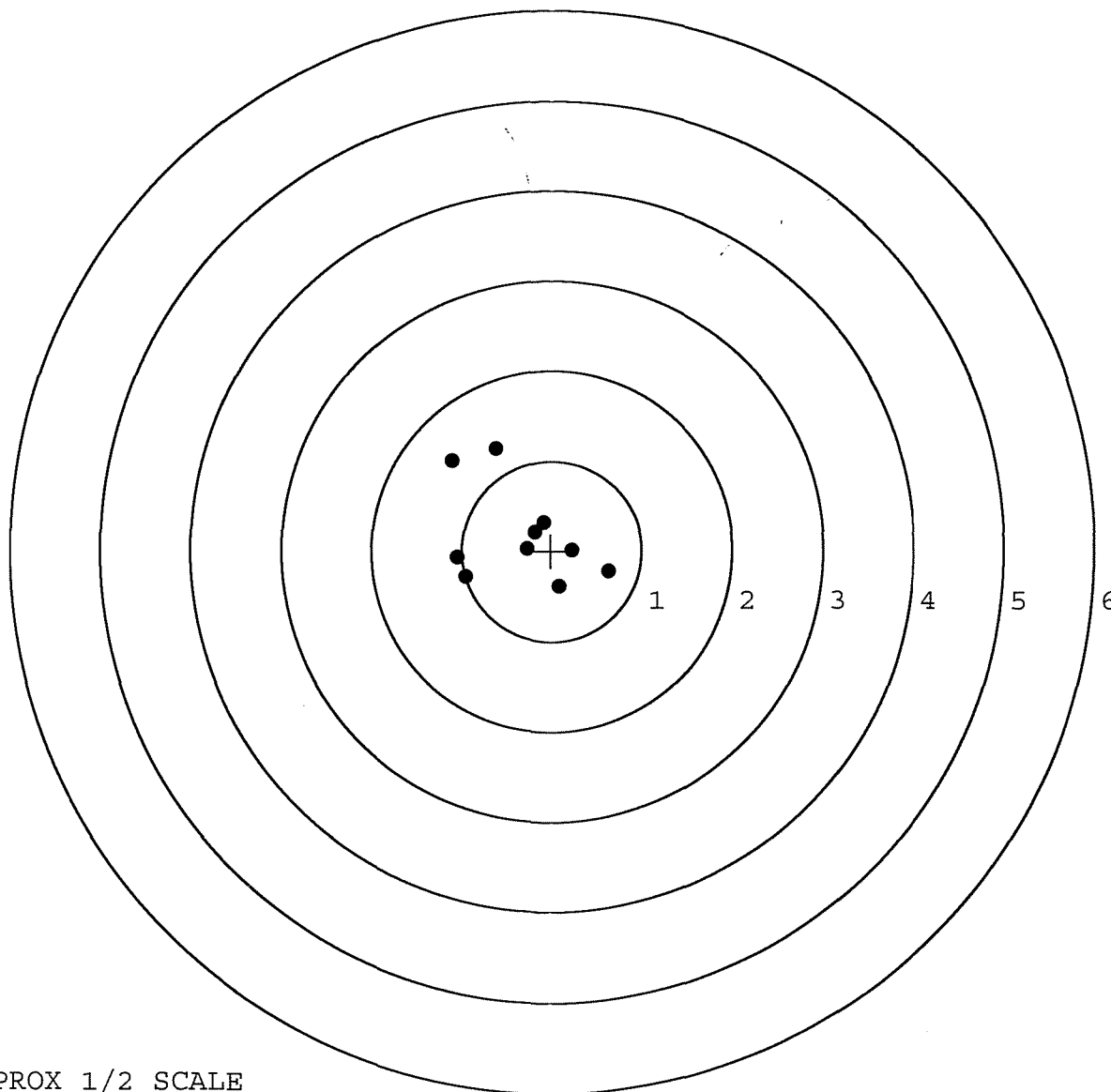


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611486. __0
 TARGET NUMBER: 4
 FILE DATE: 05/24/2004
 FILE TIME: 06:32

X CENTROID: -0.334
 Y CENTROID: 0.171
 POA TO CENTROID: 0.375
 HORZ SPREAD: 1.745
 VERT SPREAD: 1.529
 GROUP SPREAD: 2.138
 MIN RADIUS: 0.148
 MAX RADIUS: 1.138
 MEAN RADIUS: 0.661
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.093	-0.395
2:	0.634	-0.232
3:	0.230	0.007
4:	-1.052	-0.079
5:	-0.957	-0.287
6:	-0.626	1.134
7:	-1.111	1.003
8:	-0.091	0.316
9:	-0.192	0.212
10:	-0.271	0.028

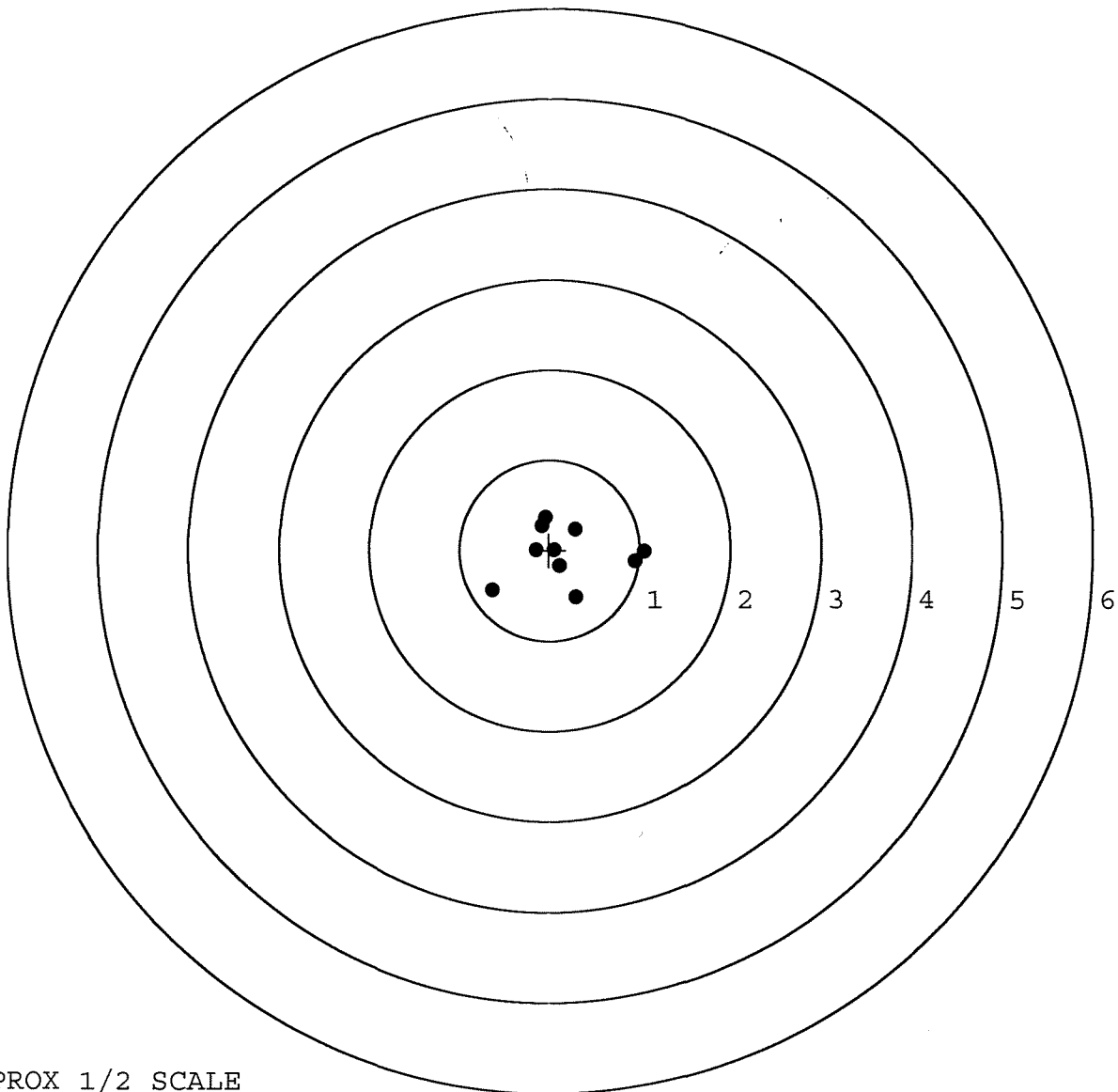


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611486. __0
 TARGET NUMBER: 5
 FILE DATE: 05/24/2004
 FILE TIME: 06:32

POINT#	X	Y
1:	1.051	-0.022
2:	0.953	-0.128
3:	0.295	-0.523
4:	-0.634	-0.443
5:	0.119	-0.174
6:	0.282	0.231
7:	-0.148	-0.001
8:	-0.049	0.364
9:	-0.093	0.268
10:	0.058	-0.002

X CENTROID: 0.183
 Y CENTROID: -0.043
 POA TO CENTROID: 0.188
 HORZ SPREAD: 1.685
 VERT SPREAD: 0.887
 GROUP SPREAD: 1.737
 MIN RADIUS: 0.132
 MAX RADIUS: 0.910
 MEAN RADIUS: 0.483
 # IN 1 IN DIAMETER: 7
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

 		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ M24		SERIAL NO. C6611486
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		ORDER NO. 5716



5716 C6611486

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6611486

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/13/91	K.S.
600	Proof		3/13/91	K.S.
607	Check Headspace		3/13/91	K.S.
610	Dis-assemble Gun		3/13/91	K.S.
612	Magnaflux Barrel Action		3/27/91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		3/27/91	LS
617	Drill and Tap Sight Holes	APR	3 1991	FB
618	Polish Barrel	APR	3 1991	WB
620	Apply Coatings (Barrel Action)		4-12-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/30/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/30/91	KS
	C) Inspect Ejector Hole for Chamfer		4/30/91	KS
	D) Oil Firing Pin Ass'y		4/30/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		5/2/91	TH

Op.	NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5-2-91	D/H
	G) Safety Off Force	2	2	2 1/4			5-2-91	D/H
	H) Trigger Pull Test & Retainability						5/2/91	JS
	I) Firing Pin Indent	.021	.022	.027			5-2-91	D/H
	J) Assemble Stock						5/4/91	KS
	K) Assemble Swivel Studs						5-9-91	AE
	L) Attach Front and Rear Sight Assemblies						5/4/91	KS
	M) Iron Sight Alignment						5/4/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/4/91	KS
	O) Attach Scope to Rifle						5/4/91	KS
	P) Detach & Attach Scope 20 Times						5/4/91	KS
640	Gallery Target & Test						5-6-91	D/H
	A) Time						5-6-91	D/H
	B) Malfunctions						5-6-91	D/H
	C) Pierced Primers						5-6-91	D/H
	D) Optical Clarity of Scope						5-6-91	D/H
645	Inspect for Live Ammo						5-6-91	D/H
655	Final Inspection							
	A) Headspace						5-4-91	AE
	B) Trigger Pull	2.30	2.43	2.44	2.53	2.41	5/9/91	JS
	C) Function						5-4-91	AE
660	Pack						6-18-91	N

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C-6611486

DATE 5/2/91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.37	2.39	2.30	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.20	2.25	2.26	2.43	
PULL #3	2.44	2.31	2.38	2.44	
PULL #4	2.26	2.26	2.40	2.53	
PULL #5	2.43	2.35	2.39	2.41	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.36		
PULL #2	3.54	3.30		
PULL #3	3.46	3.34		
PULL #4	3.51	3.39		
PULL #5	3.34	3.36		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.50	4.40		4.33
PULL #2	4.13	4.40		4.58
PULL #3	4.56	4.41		4.36
PULL #4	4.43	4.22		4.47
PULL #5	4.32	4.54		4.41
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06611486
6 May 1991

CENTROIDAL DISTANCE

0 TO	1	.343293
1 TO	2	.550237
1 TO	3	.0490102
1 TO	4	.451807
1 TO	5	.219126

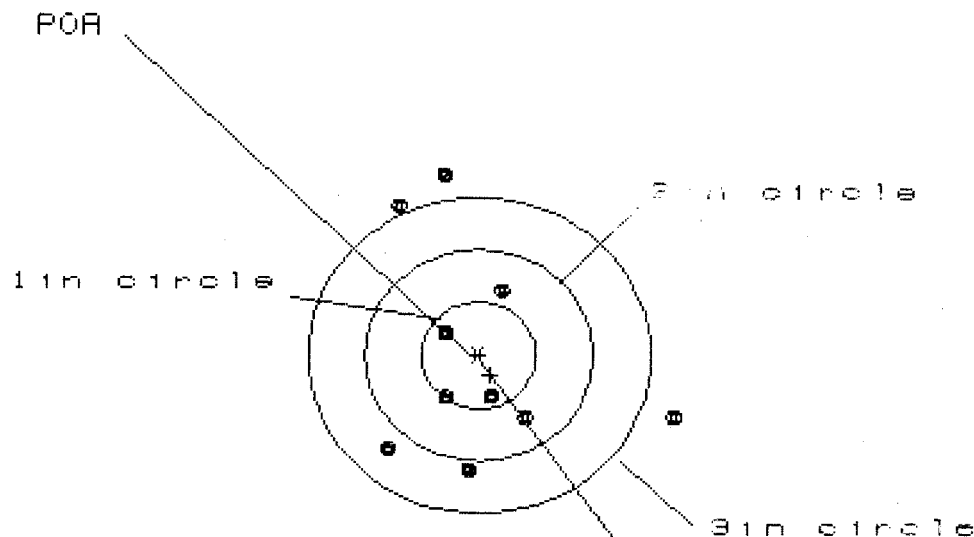
3
459 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0308
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2042
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .20651
THE AMR FOR THIS RIFLE IS: 1.036

JAN 1981

FILE:/PATTERNING/CENTERFIRE_PATT/0010486

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 5

3 in = 7

HS = 2.469

VS = 2.728

GS = 3.045

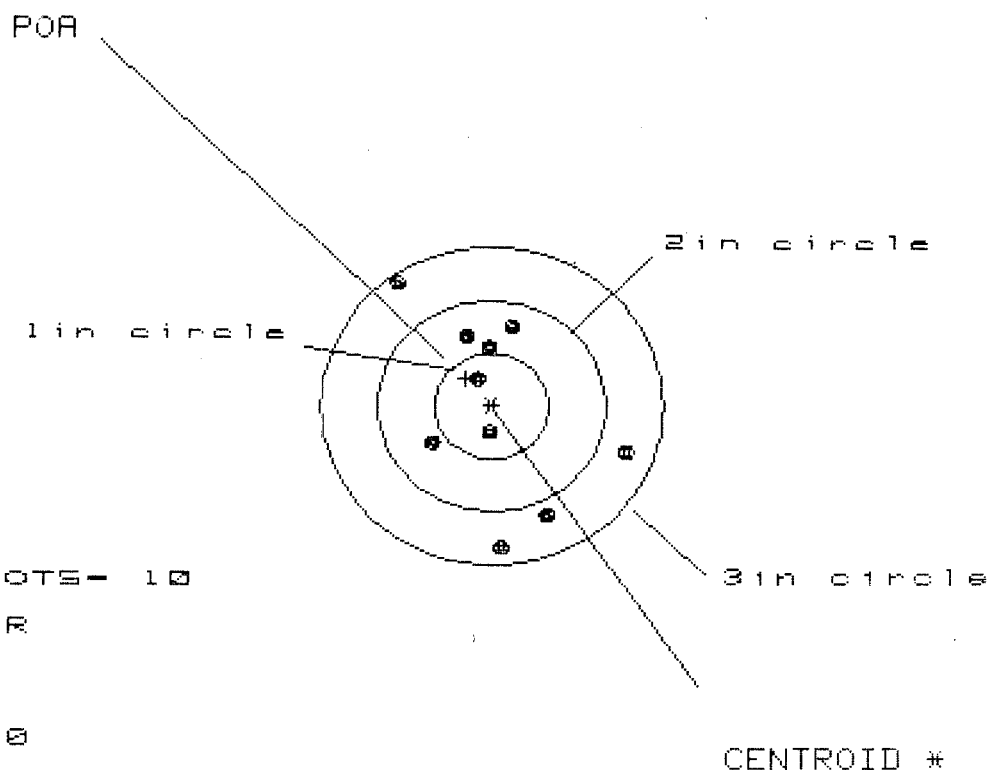
CENTROID *

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.683	.627	.615
MINIMUM X	:	-.785	-.598	-.610
MAXIMUM Y	:	1.667	1.602	1.505
MINIMUM Y	:	-1.062	-1.126	-.926
CENTROID X	:	-.102	-.290	-.278
CENTROID Y	:	.183	.248	.048
POA TO CENTROID in.	:	.210	.381	.282
MIN RADIUS	:	.348	.156	.259
MEAN RADIUS	:	.980	.879	.752
MAX RADIUS	:	1.780	1.605	1.580
HORIZONTAL SPREAD	:	2.469	1.225	1.225
VERTICAL SPREAD	:	2.728	2.728	2.431
EXTREME SPREAD	:	3.045	2.736	2.500
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	7		

6 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611486

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 1.962

VS= 2.454

GS= 2.616

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.137	1.045	1.044
MINIMUM X	:	-.825	-.591	-.592
MAXIMUM Y	:	1.147	.846	.699
MINIMUM Y	:	-1.307	-1.180	-1.072
CENTROID X	:	.223	.315	.316
CENTROID Y	:	-.261	-.388	-.241
POA TO CENTROID in.	:	.343	.500	.398
MIN RADIUS	:	.226	.153	.272
MEAN RADIUS	:	.821	.767	.695
MAX RADIUS	:	1.413	1.180	1.132
HORIZONTAL SPREAD	:	1.962	1.636	1.636
VERTICAL SPREAD	:	2.454	2.026	1.771
EXTREME SPREAD	:	2.616	2.027	1.842
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

6 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611486

CENTERFIRE PATTERNS

3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in - 1

2 in - 4

3 in = 7

HS- 3.038

VS= 2.835

GS= 3.128

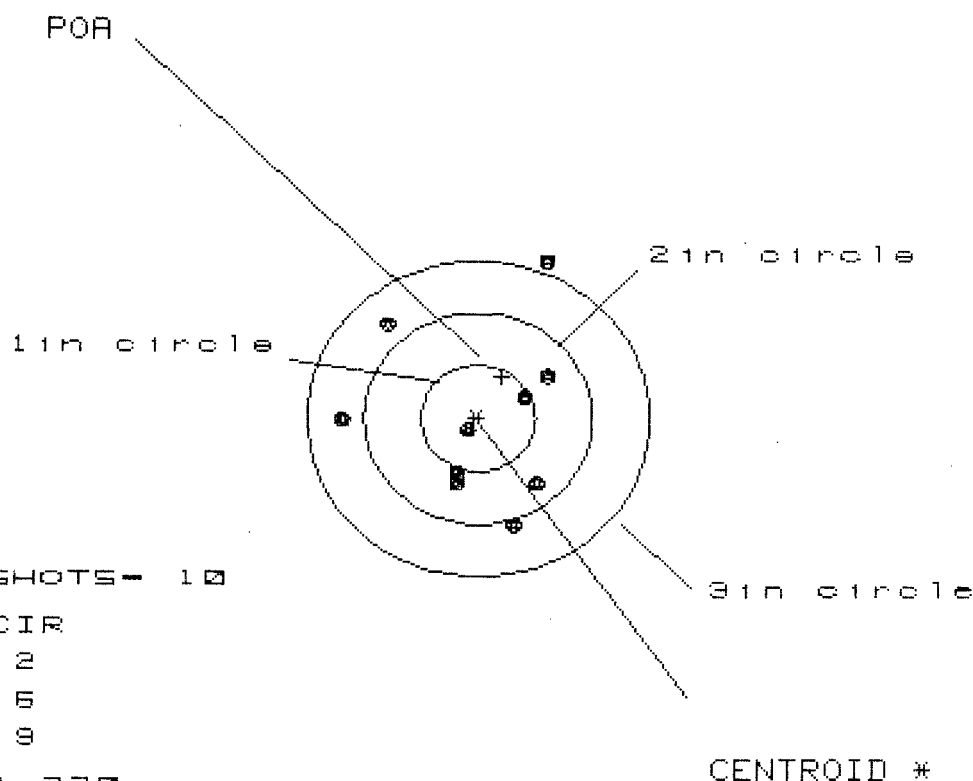
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.328	1.396	1.516
MINIMUM X	:	-1.710	-1.642	-1.522
MAXIMUM Y	:	1.162	.976	.766
MINIMUM Y	:	-1.673	-1.682	-1.034
CENTROID X	:	.224	.156	.036
CENTROID Y	:	-.212	-.026	.184
POA TO CENTROID in.	:	.308	.158	.188
MIN RADIUS	:	.424	.491	.424
MEAN RADIUS	:	1.194	1.103	.963
MAX RADIUS	:	1.782	1.936	1.595
HORIZONTAL SPREAD	:	3.038	3.038	3.038
VERTICAL SPREAD	:	2.835	2.658	1.800
EXTREME SPREAD	:	3.128	3.128	3.128
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

6 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6811486

CENTERFIRE PATTERNS

4



OF SHOTS - 10

IN CIR

1in = 2

2in = 5

3in = 9

HS = 1.770

VS = 2.509

GS = 2.525

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.597	.650	.562
MINIMUM X	:	-1.173	-1.107	-1.195
MAXIMUM Y	:	1.493	1.082	.710
MINIMUM Y	:	-1.016	-.850	-.715
CENTROID X	:	-.210	-.276	-.188
CENTROID Y	:	-.390	-.556	-.691
POA TO CENTROID in.	:	.443	.621	.717
MIN RADIUS	:	.141	.043	.201
MEAN RADIUS	:	.839	.718	.627
MAX RADIUS	:	1.608	1.295	1.235
HORIZONTAL SPREAD	:	1.770	1.757	1.757
VERTICAL SPREAD	:	2.509	1.932	1.425
EXTREME SPREAD	:	2.525	2.218	1.804
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			9	

6 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611486

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 6

HS= 4.153

VS= 2.379

GS= 4.173

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.960	1.717	1.095
MINIMUM X	:	-2.193	-1.703	-1.489
MAXIMUM Y	:	1.161	1.127	1.135
MINIMUM Y	:	-1.218	-1.252	-1.244
CENTROID X	:	.019	.262	.048
CENTROID Y	:	-.341	-.307	-.315
POA TO CENTROID in.	:	.341	.404	.319
MIN RADIUS	:	.584	.392	.569
MEAN RADIUS	:	1.344	1.224	1.153
MAX RADIUS	:	2.214	1.938	1.748
HORIZONTAL SPREAD	:	4.153	3.420	2.584
VERTICAL SPREAD	:	2.379	2.379	2.379
EXTREME SPREAD	:	4.173	3.561	2.669
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	