

C6594500

MODEL 700™ M24

Model SWS™

Action _____

Barrel Length _____

Capacity _____

Order No. 5715

*Includes 1 in chamber.



Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00092667** Serial: C6594500 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 2/8/2005 7:41:30 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **DEF DIST DEPOT ANNISTON** **DEF DIST DEPOT ANNISTON**

Address 1: Address 2: PO Box: PO Box:

City: **ANNISTON** **ANNISTON**

State: **AL** Zip Code: **362014199** Country: **US** State: **AL** Zip Code: **362014199** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing																		
Contact Information Phone: Fax: Email: Comments:	Received Condition Good 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 Stud</td> <td>3</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> <tr> <td>A057</td> <td>Fit and Rear Sgt Base</td> <td>1</td> </tr> </tbody> </table>			Code	Desc	Qty	A007	With Stud	3	A010	Hard Case	1	A017	Scope Base	1	A026	Scope	1	A057	Fit and Rear Sgt Base	1
Code	Desc	Qty																				
A007	With Stud	3																				
A010	Hard Case	1																				
A017	Scope Base	1																				
A026	Scope	1																				
A057	Fit and Rear Sgt Base	1																				

Repair Search Refresh Close

negletj 2/8/2005 9:40 AM CAPS NUM INS SCFL

start 3 4

No Scope

Serial Number: **C6594500**

Model: **M24 SWS**



RE00092667

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594500.___0

FILE DATE AND TIME: 08/30/2005 11:19

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.046
The Average Y Centroid of the Five Target Set:	-0.040
The Average Point of Impact of the Five Target Set:	0.061
The Average Mean Radius of the Five Target Set:	0.919
The Distance from POA to Centroid Target #1:	0.339
The Distance from Centroid Target #2 to Centroid Target #1:	0.276
The Distance from Centroid Target #3 to Centroid Target #1:	0.474
The Distance from Centroid Target #4 to Centroid Target #1:	0.421
The Distance from Centroid Target #5 to Centroid Target #1:	0.639

SERIAL NUMBER: C6594500.___0

TARGET NUMBER: 1

FILE DATE: 08/30/2005

FILE TIME: 11:19

X CENTROID: -0.243

Y CENTROID: 0.236

POA TO CENTROID: 0.339

HORZ SPREAD: 3.021

VERT SPREAD: 3.623

GROUP SPREAD: 3.623

MIN RADIUS: 0.312

MAX RADIUS: 2.057

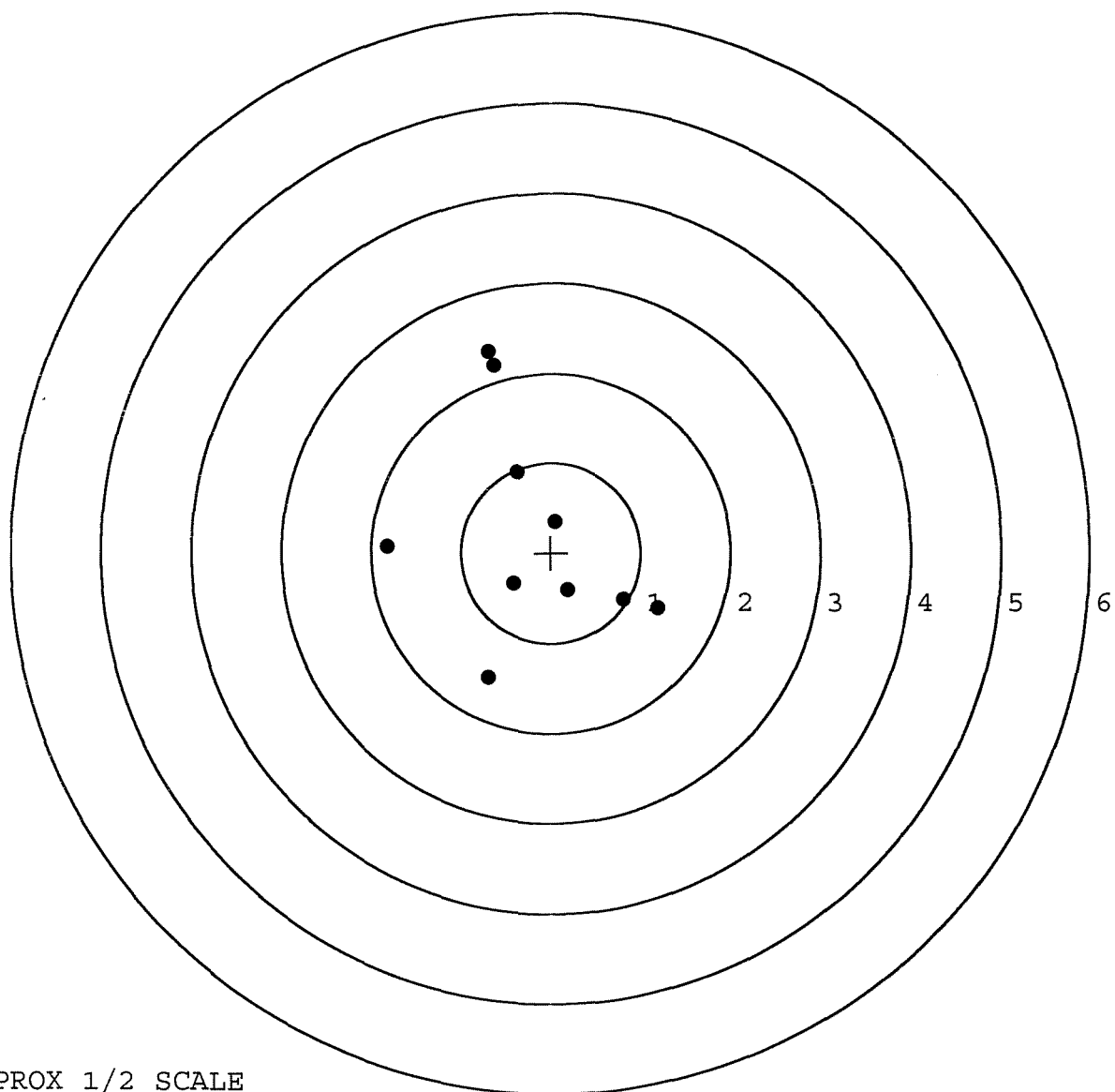
MEAN RADIUS: 1.257

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 5

POINT#	X	Y
1:	1.197	-0.616
2:	0.812	-0.514
3:	0.182	-0.419
4:	-0.424	-0.343
5:	-0.699	-1.381
6:	0.050	0.343
7:	-0.383	0.897
8:	-1.824	0.067
9:	-0.642	2.088
10:	-0.701	2.242



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594500.___0

TARGET NUMBER: 2

FILE DATE: 08/30/2005

FILE TIME: 11:19

X CENTROID: 0.029

Y CENTROID: 0.191

POA TO CENTROID: 0.194

HORZ SPREAD: 1.906

VERT SPREAD: 1.807

GROUP SPREAD: 2.115

MIN RADIUS: 0.153

MAX RADIUS: 1.181

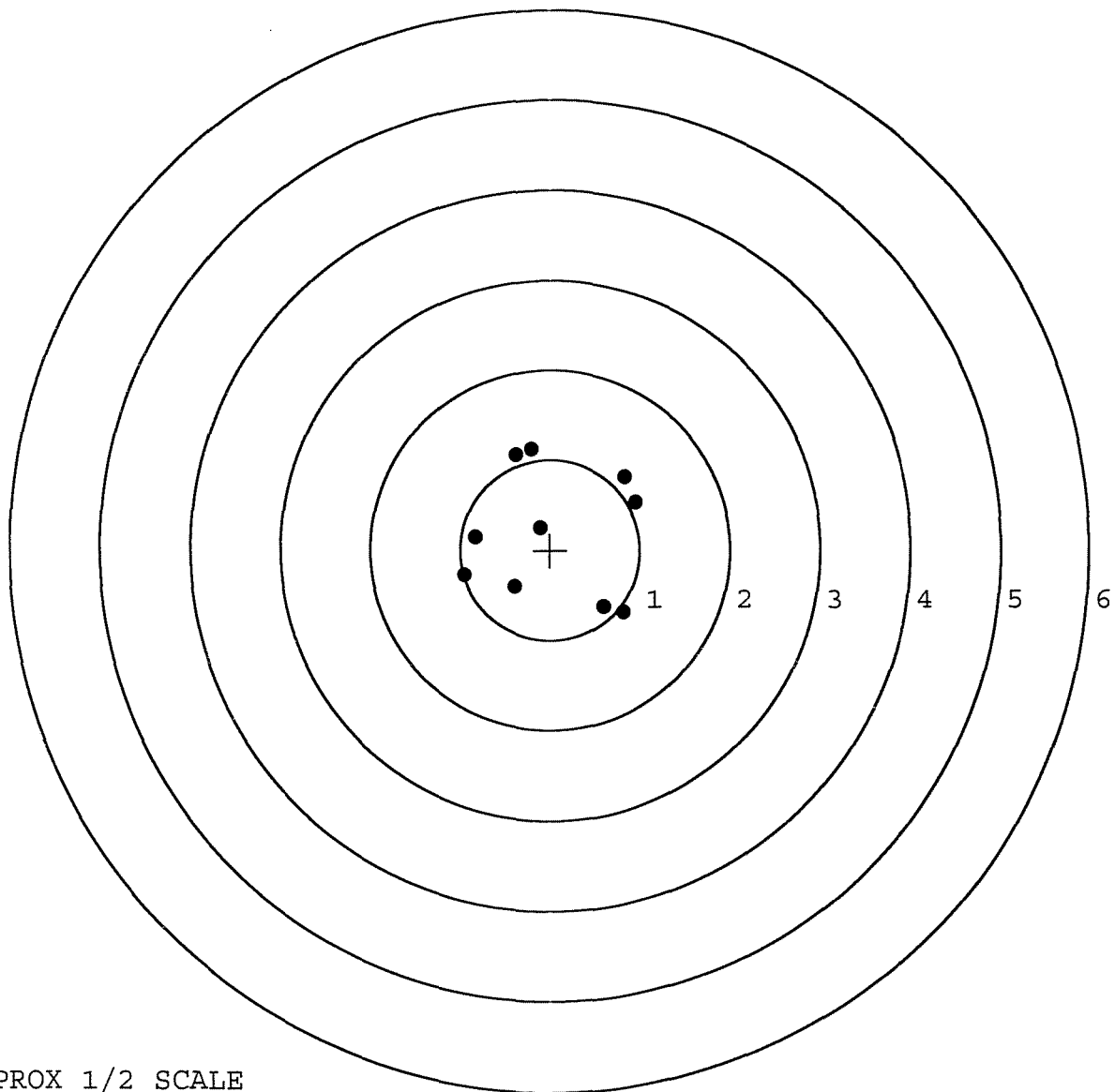
MEAN RADIUS: 0.894

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.947	0.532
2:	0.830	0.811
3:	-0.209	1.119
4:	-0.380	1.055
5:	-0.112	0.250
6:	-0.832	0.151
7:	-0.959	-0.274
8:	-0.406	-0.412
9:	0.596	-0.631
10:	0.818	-0.688

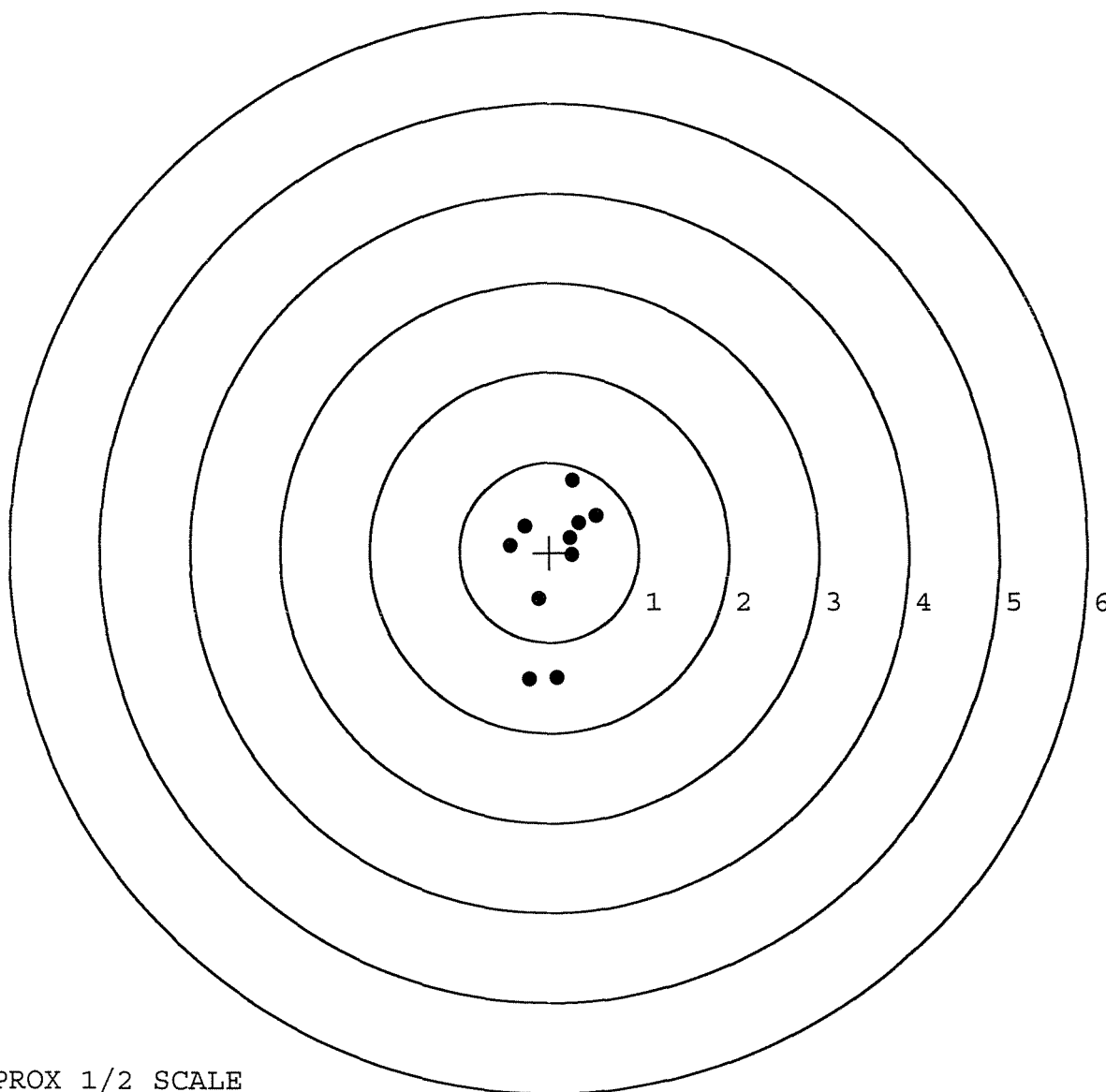


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594500.___0
TARGET NUMBER: 3
FILE DATE: 08/30/2005
FILE TIME: 11:19

X CENTROID: 0.059
Y CENTROID: -0.129
POA TO CENTROID: 0.142
HORZ SPREAD: 0.966
VERT SPREAD: 2.216
GROUP SPREAD: 2.269
MIN RADIUS: 0.217
MAX RADIUS: 1.319
MEAN RADIUS: 0.685
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.083	-1.397
2:	-0.232	-1.415
3:	-0.126	-0.521
4:	0.252	-0.029
5:	0.229	0.163
6:	0.331	0.331
7:	0.522	0.409
8:	0.255	0.801
9:	-0.275	0.292
10:	-0.444	0.079



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594500. __0

TARGET NUMBER: 4

FILE DATE: 08/30/2005

FILE TIME: 11:19

X CENTROID: -0.028

Y CENTROID: -0.126

POA TO CENTROID: 0.129

HORZ SPREAD: 2.513

VERT SPREAD: 3.021

GROUP SPREAD: 3.255

MIN RADIUS: 0.266

MAX RADIUS: 1.742

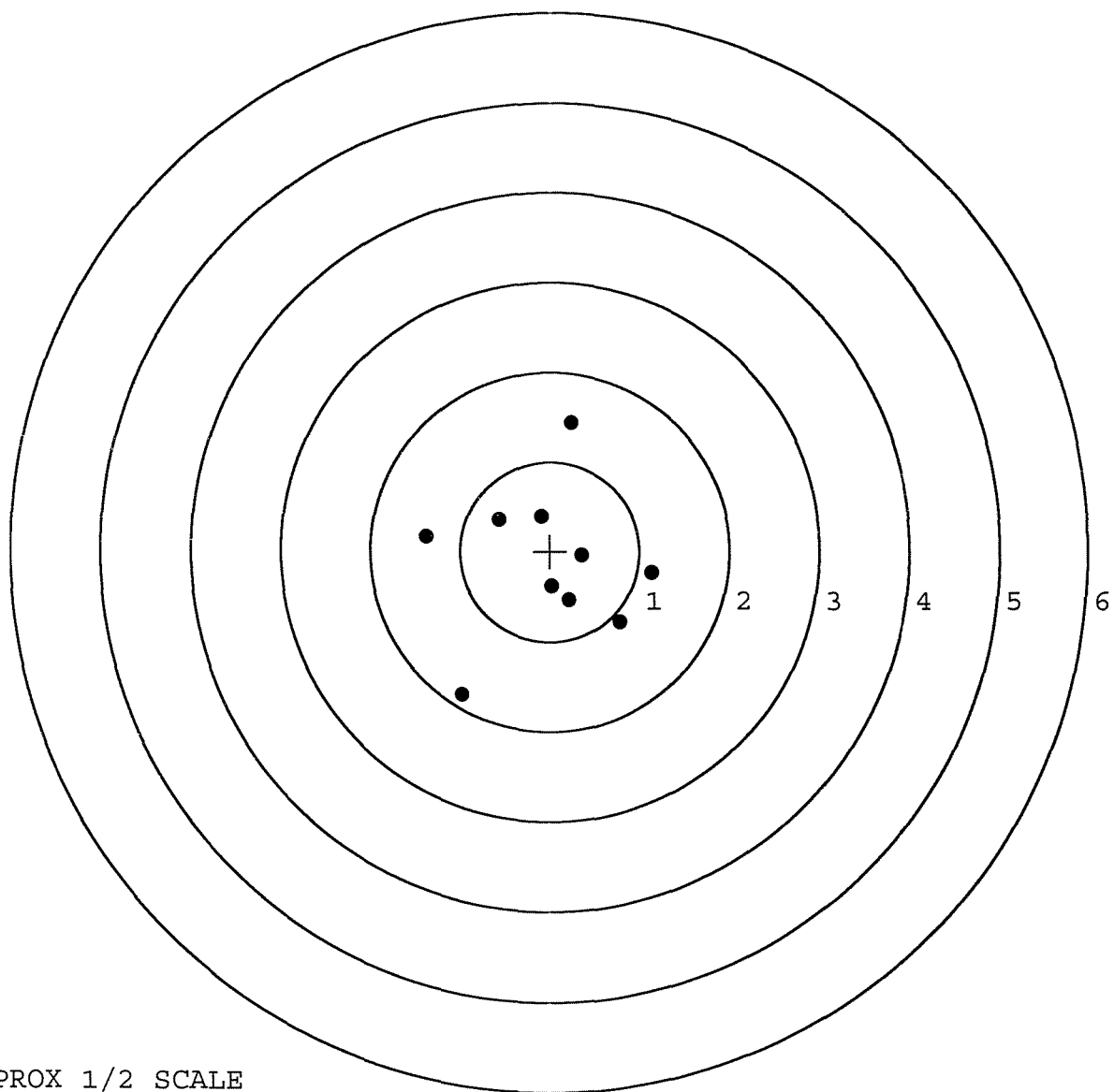
MEAN RADIUS: 0.931

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.134	-0.242
2:	0.783	-0.786
3:	0.215	-0.545
4:	0.015	-0.388
5:	0.356	-0.053
6:	-0.094	0.388
7:	-0.573	0.359
8:	-1.379	0.162
9:	-0.976	-1.587
10:	0.236	1.434



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594500. 0

TARGET NUMBER: 5

FILE DATE: 08/30/2005

FILE TIME: 11:19

X CENTROID: -0.047

Y CENTROID: -0.371

POA TO CENTROID: 0.374

HORZ SPREAD: 2.705

VERT SPREAD: 1.893

GROUP SPREAD: 2.707

MIN RADIUS: 0.205

MAX RADIUS: 1.572

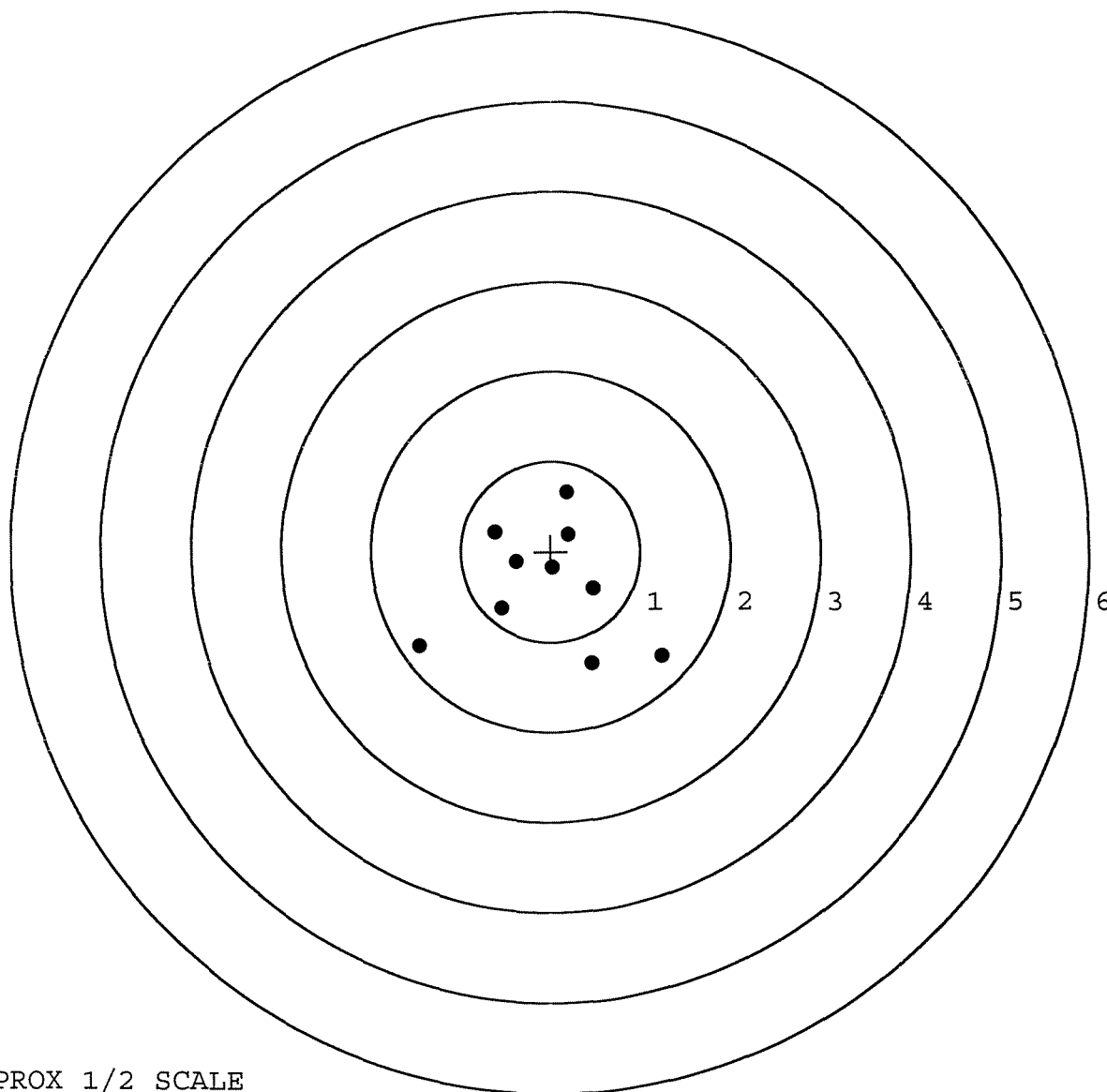
MEAN RADIUS: 0.828

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.240	-1.158
2:	0.454	-1.239
3:	0.467	-0.407
4:	-0.547	-0.631
5:	-0.389	-0.117
6:	-0.622	0.219
7:	0.018	-0.177
8:	0.199	0.189
9:	0.180	0.654
10:	-1.465	-1.048



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92667		
SERIAL NUMBER	C6594500		
LOG-IN DATE	2-3-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8-18-05	RTZ
560 A	RE-BARREL	8-23-05	RTZ
B	DRILL AND TAP	8-25-05	TRW
575	ASSEMBLE	8-24-05	RTZ
600	PROOF	8-24-05	AC
605	CHECK HEADSPACE	8-24-05	AC
610	DIS-ASSEMBLE GUN	8-25-05	RTZ
612	MAGNAFLUX	8/25-05	Umm
615	ROLLMARK CALIBER	8-25-05	CW
618	ROTO-BLAST	8-26-05	WB
620	APPLY COATINGS	8/29/05	RB
625 A	FINAL ASSEMBLY	8-30-05	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	9-1-05	AC
D	SAFETY "OFF" FORCE	9-1-05	AC
E	FIRING PIN INDENT	9-1-05	AC
640	TARGET	8-30-05	TRW
655	FINAL INSPECT	9-1-05	AC
660	PACK	9-12-05	RA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington®



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

MODEL 700™ H24

SERIAL NO.

C6594500

ORDER NO.

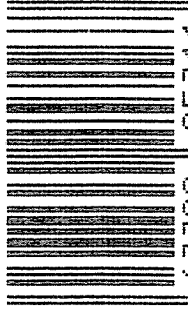
5716

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



5716 C6594500

LPC



0 47700 25716 2

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # **C 6594500**

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/15/91	KS
600	Proof		1/15/91	KS
607	Check Headspace		1/15/91	KS
610	Dis-assemble Gun		1/15/91	KS
612	Magnaflux Barrel Action	1 18 91		KP
	Magnaflux Bolt	1 18 91		KP
615	Rollmark Caliber	1 18 91		GB
617	Drill and Tap Sight Holes	1 24 91		LB
618	Polish Barrel	1 24 91		LB
620	Apply Coatings (Barrel Action)		2-15-91	TH
	Apply Coating (Bolt)			TH
625	Final Assembly A) Clean inside of Bolt Assembly		3/8/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/8/91	KA
	C) Inspect Ejector Hole for Chamfer		3/8/91	KA
	D) Oil Firing Pin Ass'y		3/8/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		3/9/91	KA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			3/9/91	JH
	G) Safety Off Force	2	2	2			3/9/91	JH
	H) Trigger Pull Test & Retainability						3-9-91	JH
	I) Firing Pin Indent	.022	.0215	.0215			3-9-91	JH
	J) Assemble Stock						3/9/91	Kel
	K) Assemble Swivel Studs						3/9/91	JH
	L) Attach Front and Rear Sight Assemblies						3/9/91	Kel
	M) Iron Sight Alignment						3/9/91	Kel
	N) Detach Front & Rear Sights & place in numbered container						3/9/91	Kel
	O) Attach Scope to Rifle						3/9/91	Kel
	P) Detach & Attach Scope 20 Times						3/9/91	Kel
640	Gallery Target & Test						3/11/91	FS
	A) Time							FS
	B) Malfunctions							FS
	C) Pierced Primers							FS
	D) Optical Clarity of Scope							FS
645	Inspect for Live Ammo						3/11/91	FS
655	Final Inspection							
	A) Headspace						3/12/91	JH
	B) Trigger Pull	2.54	2.47	2.49	2.51	2.54	3/12/91	JH
	C) Function						3/12/91	JH
660	Pack						3-15-91	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06594500

DATE 3-9-81

TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.47	2.30	2.54	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.51	2.26	2.28	2.47	
PULL #3	2.49	2.25	2.25	2.49	
PULL #4	2.48	2.22	2.20	2.51	
PULL #5	2.46	2.25	2.28	2.54	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.31		
PULL #2	3.20	3.30		
PULL #3	3.33	3.33		
PULL #4	3.33	3.38		
PULL #5	3.30	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	4.33	4.37		4.38
PULL #2	4.28	4.36		4.38
PULL #3	4.24	4.22		4.39
PULL #4	4.25	4.34		4.41
PULL #5	4.25	4.38		4.44
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594580
11 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.0127279
1 TO	2	.138611
1 TO	3	.09005
1 TO	4	.119218
1 TO	5	.152329

✱ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0368
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.041
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .055893
THE AMP FOR THIS RIFLE IS: .9872

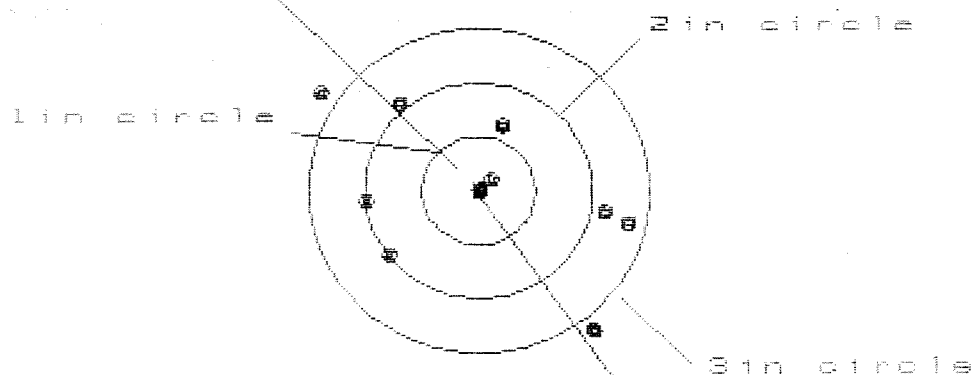
11 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8534500

CENTERFIRE PATTERNS

1

POA



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.701

VS= 2.190

GS= 3.179

CENTROID #

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.357	1.207	1.309
MINIMUM X	:	-1.344	-1.120	-1.018
MAXIMUM Y	:	.912	.957	.810
MINIMUM Y	:	-1.278	-1.177	-.660
CENTROID X	:	-.009	.141	.039
CENTROID Y	:	-.009	-.110	.037
POA TO CENTROID in.	:	.012	.179	.054
MIN RADIUS	:	.049	.132	.074
MEAN RADIUS	:	.959	.900	.789
MAX RADIUS	:	1.624	1.429	1.359
HORIZONTAL SPREAD	:	2.701	2.327	2.327
VERTICAL SPREAD	:	2.190	2.134	1.470
EXTREME SPREAD	:	3.179	2.686	2.345
NUMBER IN ONE INCH CIRCLE	=	2	5	8
NUMBER IN TWO INCH CIRCLE	=			
NUMBER IN THREE INCH CIRCLE	=			

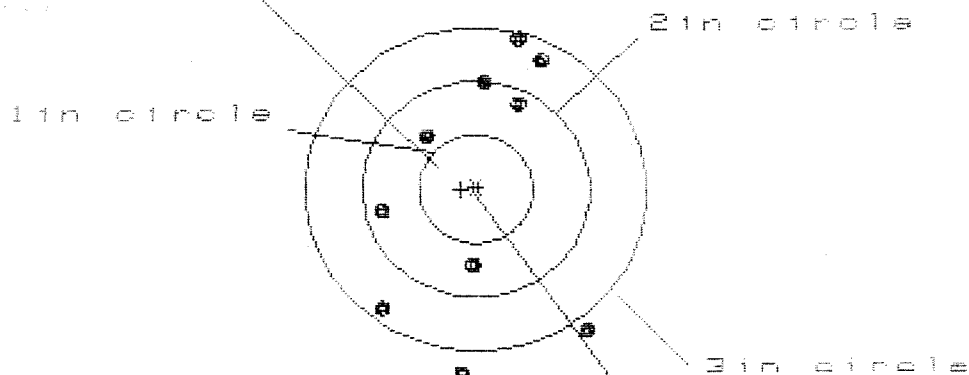
11 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594590

CENTERFIRE PATTERNS

2

POA



OF SHOTS = 10

IN CIR

1in = 0

2in = 5

3in = 8

HS = 1.929

VS = 3.118

GS = 3.165

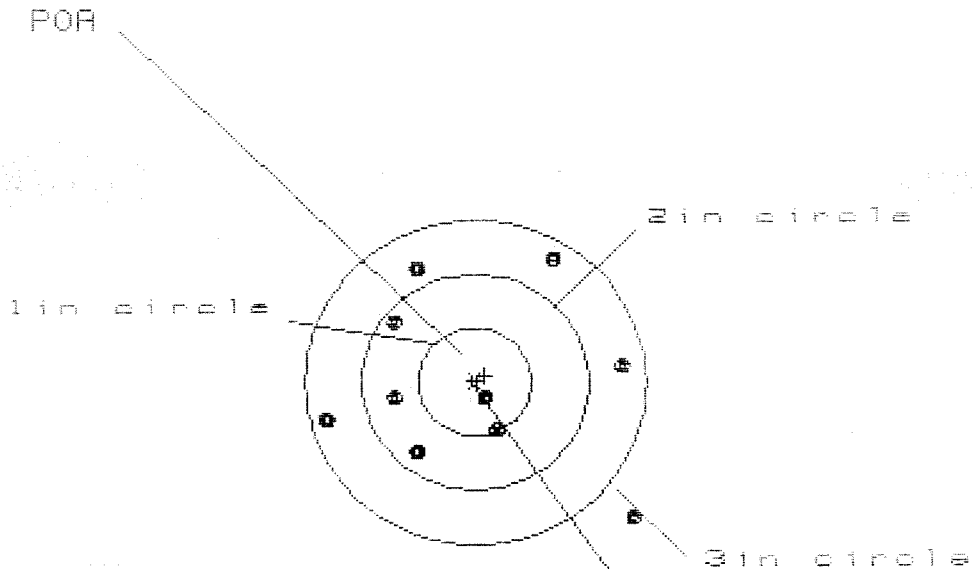
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.963	.944	.631
MINIMUM X	:	-.865	-.884	-.766
MAXIMUM Y	:	1.427	1.239	1.058
MINIMUM Y	:	-1.691	-1.449	-1.467
CENTROID X	:	.129	.148	.030
CENTROID Y	:	.004	.192	.373
POA TO CENTROID in.	:	.129	.242	.374
MIN RADIUS	:	.644	.528	.336
MEAN RADIUS	:	1.156	1.066	.938
MAX RADIUS	:	1.699	1.729	1.655
HORIZONTAL SPREAD	:	1.828	1.828	1.397
VERTICAL SPREAD	:	3.118	2.688	2.525
EXTREME SPREAD	:	3.165	2.814	2.814
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

11 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594500

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.627

VS= 2.323

GS= 2.928

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.361	1.428	1.538
MINIMUM X	:	-1.266	-1.115	-1.005
MAXIMUM Y	:	1.123	.989	1.047
MINIMUM Y	:	-1.200	-.740	-.616
CENTROID X	:	-.087	-.238	-.348
CENTROID Y	:	-.054	.079	-.045
POA TO CENTROID in.	:	.102	.251	.351
MIN RADIUS	:	.202	.402	.419
MEAN RADIUS	:	1.001	.906	.822
MAX RADIUS	:	1.815	1.429	1.548
HORIZONTAL SPREAD	:	2.627	2.543	2.543
VERTICAL SPREAD	:	2.323	1.729	1.663
EXTREME SPREAD	:	2.928	2.595	2.595
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

11 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/09594500

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 1.698

VS= 2.351

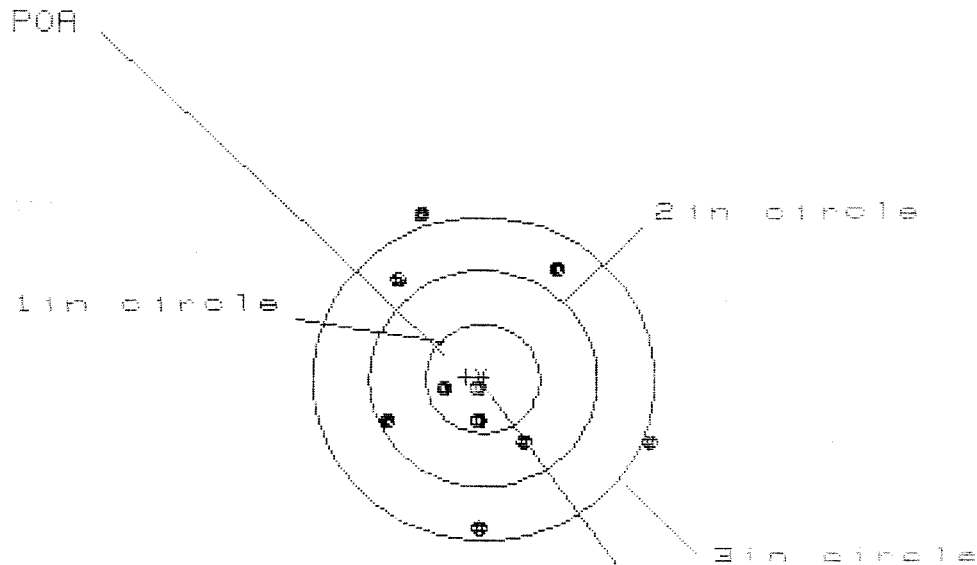
GS= 2.449

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.819	.821	.725
MINIMUM X	:	-.879	-.877	-.973
MAXIMUM Y	:	1.372	1.169	1.070
MINIMUM Y	:	-.979	-.826	-.925
CENTROID X	:	.008	.006	.102
CENTROID Y	:	-.127	-.280	-.181
POA TO CENTROID in.	:	.127	.280	.208
MIN RADIUS	:	.409	.289	.427
MEAN RADIUS	:	.896	.825	.786
MAX RADIUS	:	1.372	1.174	1.091
HORIZONTAL SPREAD	:	1.698	1.698	1.698
VERTICAL SPREAD	:	2.351	1.995	1.995
EXTREME SPREAD	:	2.449	2.067	2.043
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	10		

11 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594580

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 3

2in = 5

3in = 8

HS = 2.277

VS = 2.839

GS = 2.868

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.472	.790	.749
MINIMUM X	-.805	-.642	-.683
MAXIMUM Y	1.478	1.418	1.137
MINIMUM Y	-1.361	-1.421	-1.244
CENTROID X	.143	-.020	.022
CENTROID Y	-.019	.041	-.136
POA TO CENTROID in.	.145	.046	.138
MIN RADIUS	.079	.200	.111
MEAN RADIUS	.924	.848	.729
MAX RADIUS	1.568	1.457	1.361
HORIZONTAL SPREAD	2.277	1.432	1.432
VERTICAL SPREAD	2.839	2.839	2.381
EXTREME SPREAD	2.868	2.868	2.487
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594500
12 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.176672
1 TO	2	.0516624
1 TO	3	.285727
1 TO	4	.481805
1 TO	5	.362442

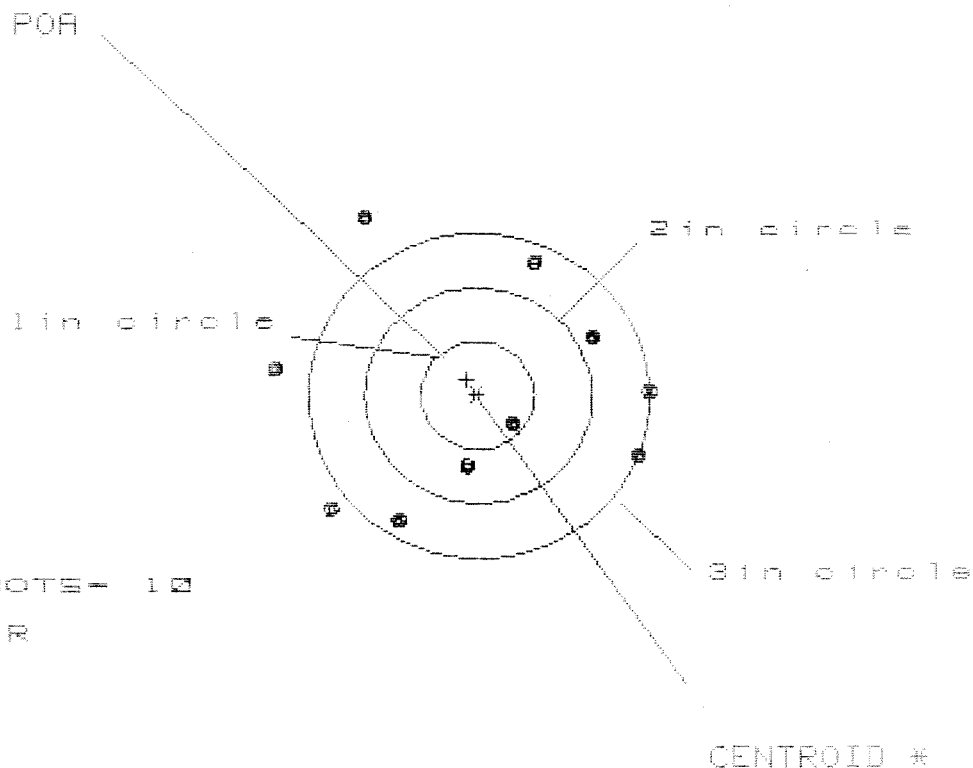
$\bar{x}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0218
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0358
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0419152
THE AMR FOR THIS RIFLE IS: 1.122

12 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594500.1

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 1

2in = 2

3in = 6

HS = 3.263

VS = 2.820

GS = 3.269

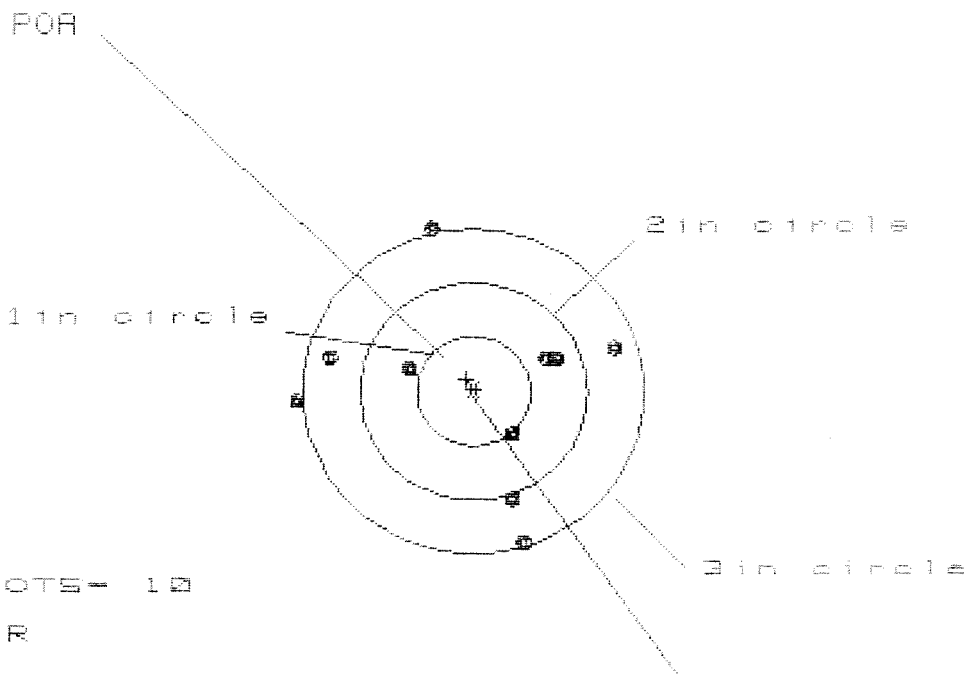
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.504	1.394	1.160
MINIMUM X	:	-1.759	-1.869	-1.643
MAXIMUM Y	:	1.655	1.447	1.499
MINIMUM Y	:	-1.165	-.981	-.929
CENTROID X	:	.098	.208	.442
CENTROID Y	:	-.147	-.331	-.383
POA TO CENTROID in.	:	.176	.391	.585
MIN RADIUS	:	.451	.259	.050
MEAN RADIUS	:	1.343	1.231	1.094
MAX RADIUS	:	1.932	1.916	1.854
HORIZONTAL SPREAD	:	3.263	3.263	2.803
VERTICAL SPREAD	:	2.820	2.428	2.428
EXTREME SPREAD	:	3.269	3.269	3.026
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		6	

12 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8594500.1

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 8

HS= 2.770

VS= 2.892

GS= 2.892

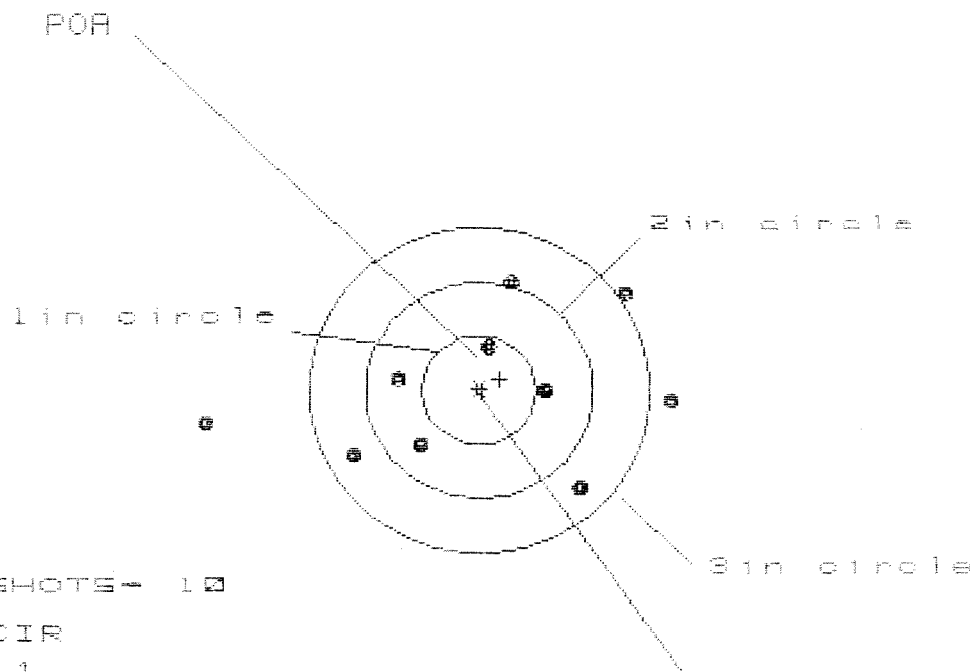
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.246	1.203	1.007
MINIMUM X	:	-1.524	-1.567	-1.507
MAXIMUM Y	:	1.480	.558	.573
MINIMUM Y	:	-1.412	-1.247	-1.232
CENTROID X	:	.063	.105	.301
CENTROID Y	:	-.109	-.274	-.289
POA TO CENTROID in.	:	.126	.293	.417
MIN RADIUS	:	.566	.420	.282
MEAN RADIUS	:	1.088	1.023	.913
MAX RADIUS	:	1.528	1.572	1.582
HORIZONTAL SPREAD	:	2.770	2.770	2.514
VERTICAL SPREAD	:	2.892	1.805	1.805
EXTREME SPREAD	:	2.992	2.804	2.516
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 7

HS= 4.078

VS= 1.917

GS= 4.084

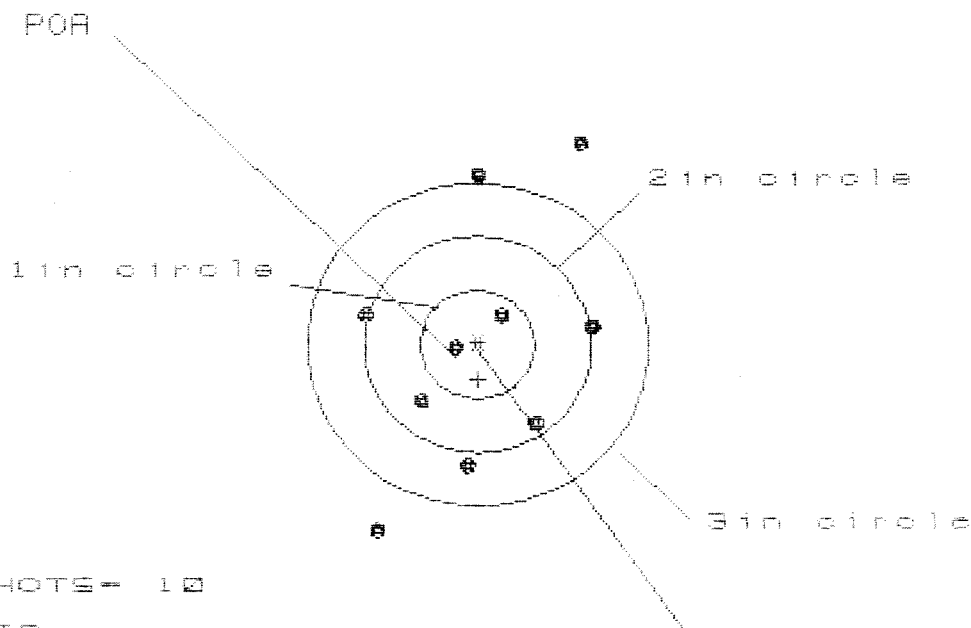
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.656	1.387	1.210
MINIMUM X	:	-2.422	-1.336	-1.163
MAXIMUM Y	:	1.030	.993	.975
MINIMUM Y	:	-.887	-.924	-.942
CENTROID X	:	-.184	.085	-.088
CENTROID Y	:	-.101	-.065	-.047
POA TO CENTROID in.	:	.210	.107	.099
MIN RADIUS	:	.404	.291	.346
MEAN RADIUS	:	1.164	.998	.936
MAX RADIUS	:	2.445	1.487	1.484
HORIZONTAL SPREAD	:	4.078	2.723	2.373
VERTICAL SPREAD	:	1.917	1.917	1.917
EXTREME SPREAD	:	4.084	2.822	2.822
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 7

HS = 1.961

VS = 3.585

GS = 4.008

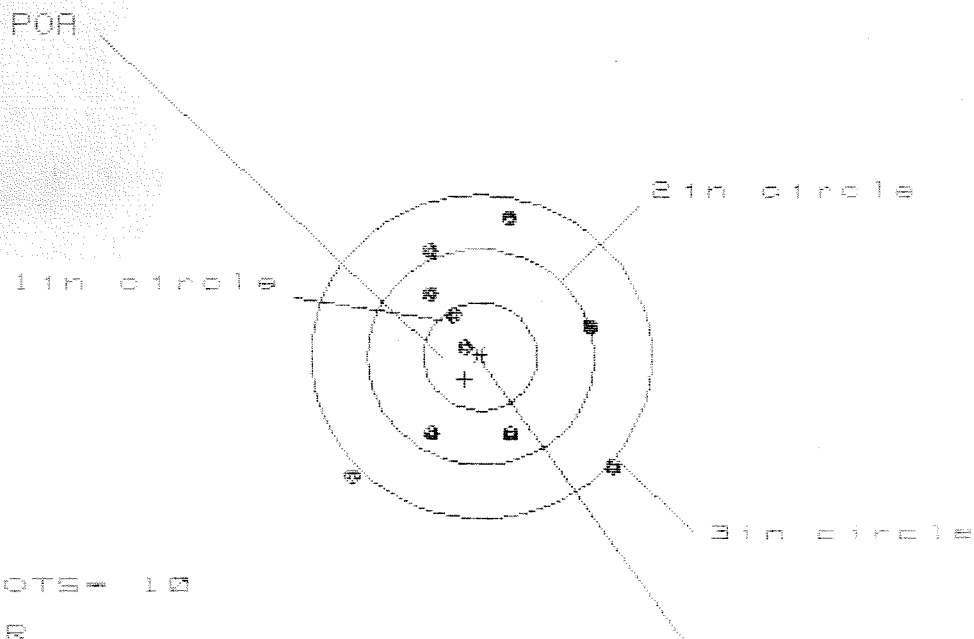
CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.995	1.097	1.000
MINIMUM X	-.966	-.864	-.961
MAXIMUM Y	1.842	1.740	1.548
MINIMUM Y	-1.743	-1.539	-1.103
CENTROID X	-.008	-.110	-.013
CENTROID Y	.323	.119	.311
POA TO CENTROID in.	.323	.162	.311
MIN RADIUS	.180	.186	.173
MEAN RADIUS	1.077	.950	.845
MAX RADIUS	2.057	1.746	1.549
HORIZONTAL SPREAD	1.961	1.961	1.961
VERTICAL SPREAD	3.585	3.279	2.651
EXTREME SPREAD	4.008	3.403	2.653
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

12 Mar 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.353

VS= 2.362

GS= 2.765

CENTROID #

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.165	1.033	.995
MINIMUM X	-1.188	-.570	-.441
MAXIMUM Y	1.244	1.120	.975
MINIMUM Y	-1.118	-1.162	-.957
CENTROID X	.140	.272	.142
CENTROID Y	.213	.337	.482
POA TO CENTROID in.	.255	.433	.503
MIN RADIUS	.117	.239	.230
MEAN RADIUS	.936	.861	.732
MAX RADIUS	1.631	1.555	1.030
HORIZONTAL SPREAD	2.353	1.603	1.435
VERTICAL SPREAD	2.362	2.282	1.932
EXTREME SPREAD	2.765	2.592	2.030
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		