

C6349010

MODEL 700™ M24

Model **SMS**

Action _____™

Barrel Length _____

Capacity _____

Order No. **5716**

*Includes 1 in chamber.

Remington

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: **RE00112589** Serial: C6349010 Model: M24 SWS Center Fire
 Caliber: 7.62 NATO Produced: 06/19/1990 Repairman:
 Verify Repair Status: Closed 5/19/2006 9:48:31 AM

Address Information

Customer: ☒ Received From Return To: ☒ Received From
 Name: **TRANSPOTATION OFFICER** **TRANSPOTATION OFFICER**
 Address 1: **ANNISTON ARMY DEPOT** **ANNISTON ARMY DEPOT**
 Address 2: **EXIT BYNUM AL 36253** **EXIT BYNUM AL 36253** PO Box:
 City: **ANNISTON** **ANNISTON**
 State: **AL** Zip Code: **36201** Country: **US** State: **AL** Zip Code: **36201** Country: **US**

FEL ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing																		
Contact Information Phone: NA 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 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

ladlet 5/23/2006 7:25 AM CAPS NUM INS SCRL

start 2 Micr... Microsof... 2 Inter... Part Sea... Arms Se... 7:25 AM

Serial Number: **C6349010**

Model: **M24 SWS**



RE00112589

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349010.__0
FILE DATE AND TIME: 06/12/2006 16:56

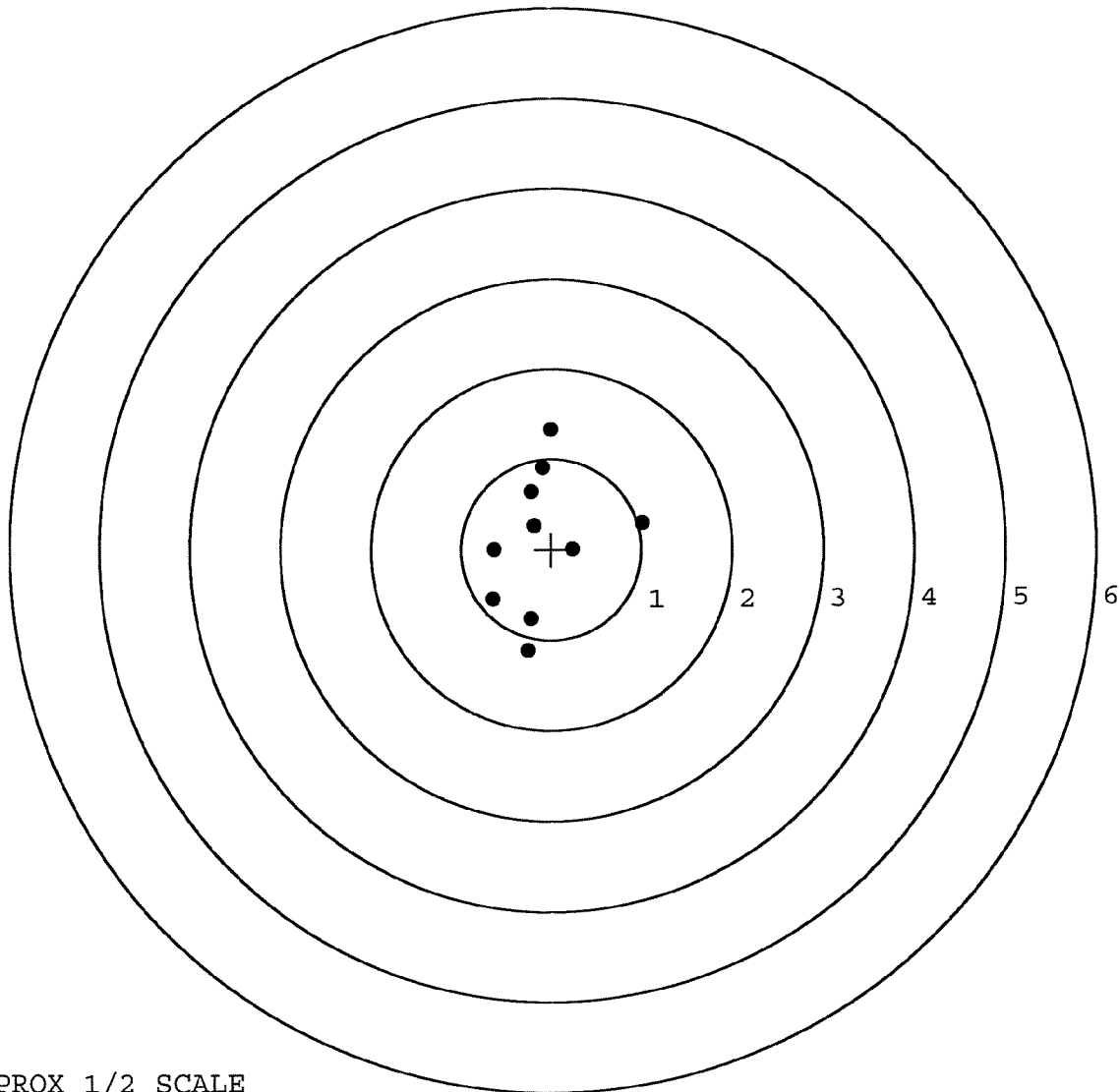
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.145
The Average Y Centroid of the Five Target Set:	0.085
The Average Point of Impact of the Five Target Set:	0.168
The Average Mean Radius of the Five Target Set:	0.686
The Distance from POA to Centroid Target #1:	0.143
The Distance from Centroid Target #2 to Centroid Target #1:	0.404
The Distance from Centroid Target #3 to Centroid Target #1:	0.234
The Distance from Centroid Target #4 to Centroid Target #1:	0.037
The Distance from Centroid Target #5 to Centroid Target #1:	0.226

SERIAL NUMBER: C6349010. __0
TARGET NUMBER: 1
FILE DATE: 06/12/2006
FILE TIME: 16:56

X CENTROID: -0.105
Y CENTROID: 0.097
POA TO CENTROID: 0.143
HORZ SPREAD: 1.662
VERT SPREAD: 2.447
GROUP SPREAD: 2.461
MIN RADIUS: 0.184
MAX RADIUS: 1.232
MEAN RADIUS: 0.775
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.264	-1.124
2:	-0.229	-0.769
3:	-0.653	-0.551
4:	-0.637	0.002
5:	-0.187	0.262
6:	0.237	0.004
7:	1.009	0.287
8:	-0.226	0.638
9:	-0.094	0.901
10:	-0.005	1.323

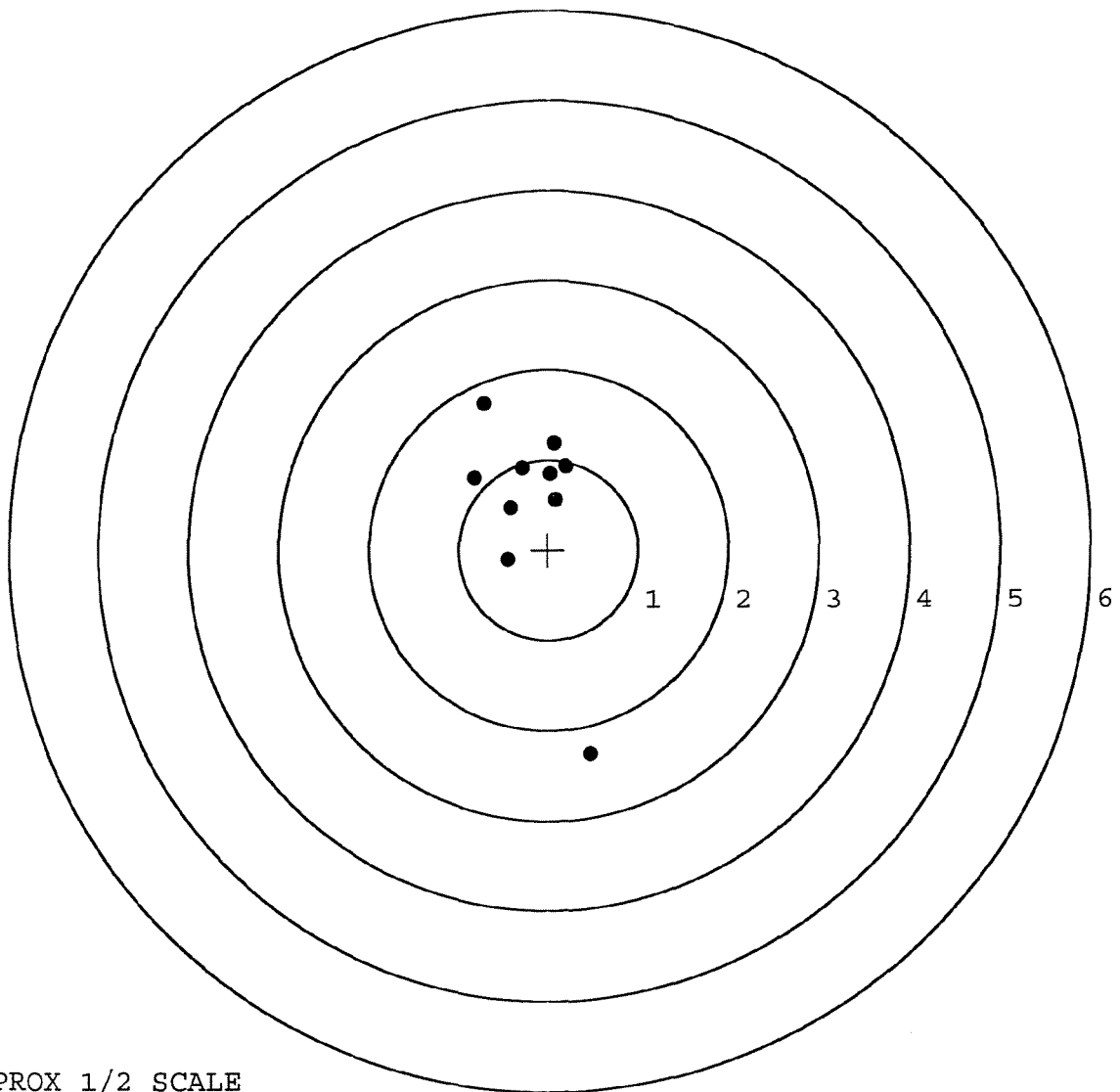


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349010. 0
TARGET NUMBER: 2
FILE DATE: 06/12/2006
FILE TIME: 16:56

X CENTROID: -0.186
Y CENTROID: 0.494
POA TO CENTROID: 0.527
HORZ SPREAD: 1.287
VERT SPREAD: 3.888
GROUP SPREAD: 4.066
MIN RADIUS: 0.239
MAX RADIUS: 2.833
MEAN RADIUS: 0.812
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.467	-2.263
2:	-0.450	-0.111
3:	-0.423	0.467
4:	-0.820	0.802
5:	-0.723	1.625
6:	0.073	1.183
7:	0.199	0.929
8:	0.085	0.556
9:	-0.287	0.908
10:	0.023	0.840



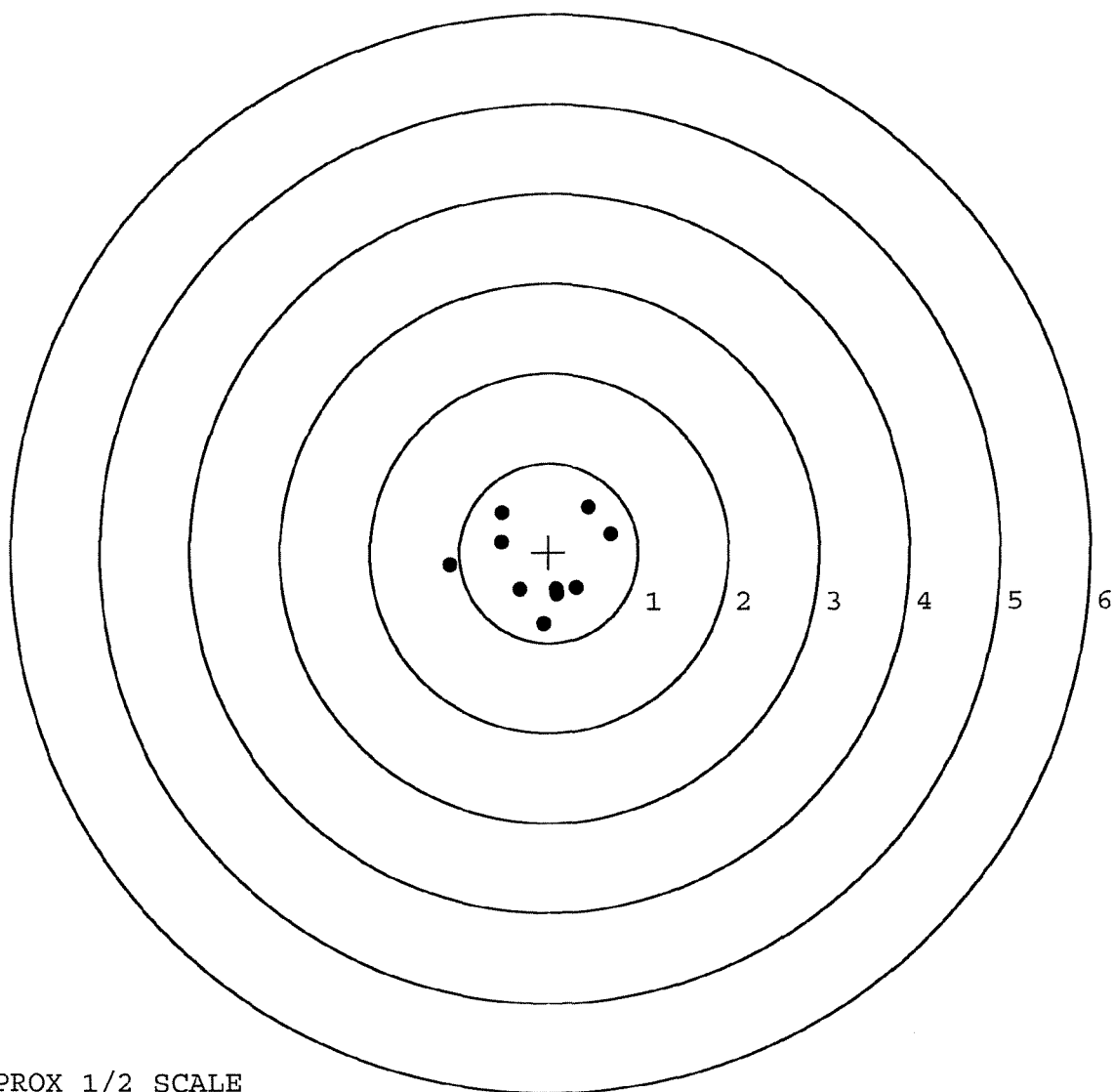
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349010. 0
TARGET NUMBER: 3
FILE DATE: 06/12/2006
FILE TIME: 16:56

X CENTROID: -0.093
Y CENTROID: -0.136
POA TO CENTROID: 0.165
HORZ SPREAD: 1.794
VERT SPREAD: 1.301
GROUP SPREAD: 1.828
MIN RADIUS: 0.330
MAX RADIUS: 1.011
MEAN RADIUS: 0.616

POINT#	X	Y
1:	-0.061	-0.794
2:	0.310	-0.399
3:	0.084	-0.414
4:	-0.323	-0.419
5:	-1.104	-0.143
6:	-0.539	0.116
7:	-0.528	0.450
8:	0.444	0.507
9:	0.690	0.206
10:	0.092	-0.472

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

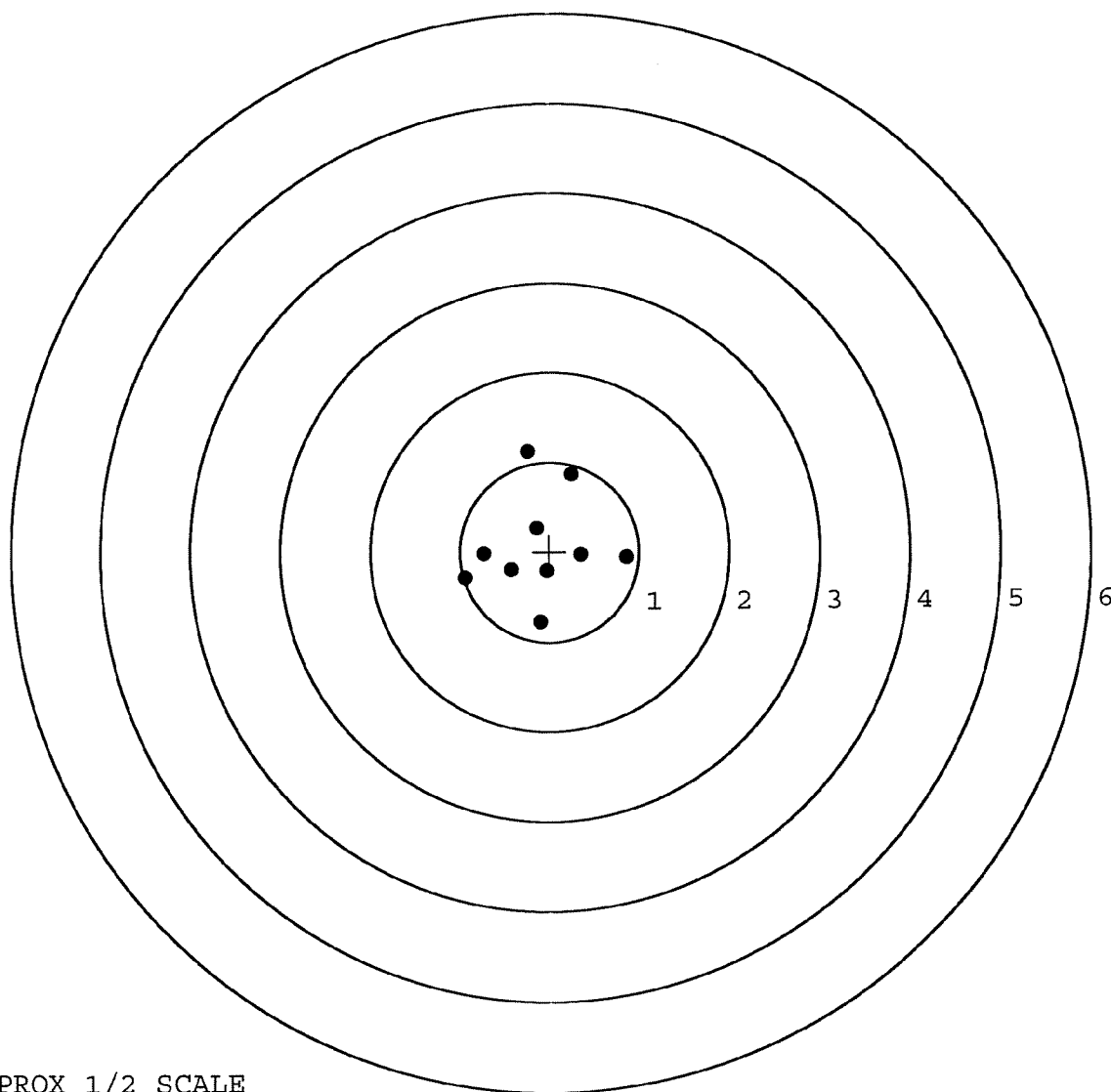


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349010. __0
TARGET NUMBER: 4
FILE DATE: 06/12/2006
FILE TIME: 16:56

X CENTROID: -0.116
Y CENTROID: 0.063
POA TO CENTROID: 0.132
HORZ SPREAD: 1.804
VERT SPREAD: 1.902
GROUP SPREAD: 1.907
MIN RADIUS: 0.205
MAX RADIUS: 1.064
MEAN RADIUS: 0.669
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.353	-0.036
2:	0.861	-0.070
3:	-0.102	-0.783
4:	-0.029	-0.219
5:	-0.943	-0.288
6:	-0.427	-0.204
7:	-0.739	-0.026
8:	-0.143	0.266
9:	0.248	0.866
10:	-0.242	1.119

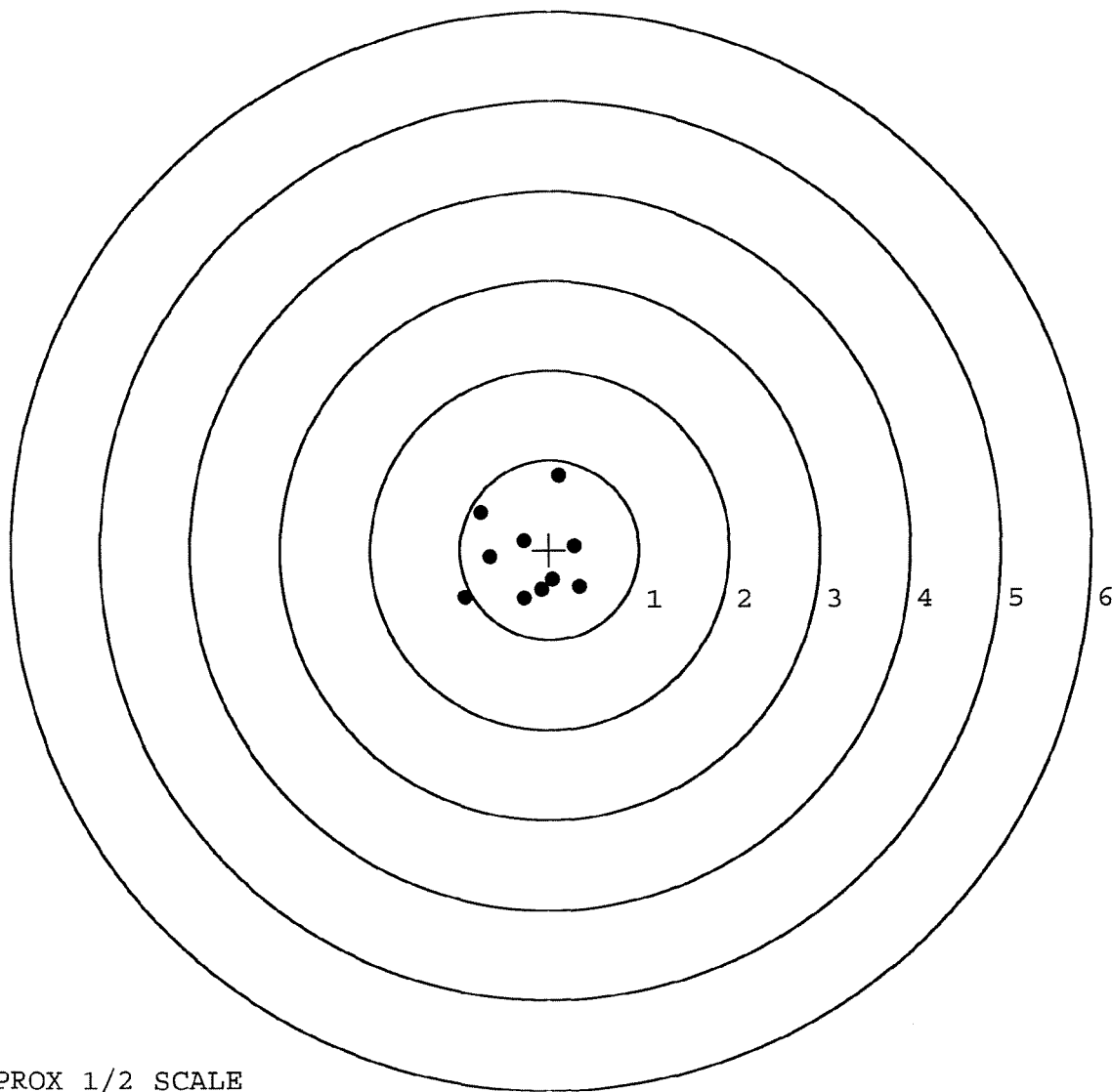


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349010. 0
TARGET NUMBER: 5
FILE DATE: 06/12/2006
FILE TIME: 16:56

X CENTROID: -0.227
Y CENTROID: -0.093
POA TO CENTROID: 0.245
HORZ SPREAD: 1.282
VERT SPREAD: 1.372
GROUP SPREAD: 1.722
MIN RADIUS: 0.203
MAX RADIUS: 0.985
MEAN RADIUS: 0.558
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.286	-0.540
2:	-0.092	-0.447
3:	0.038	-0.336
4:	0.340	-0.412
5:	0.281	0.052
6:	-0.942	-0.530
7:	-0.663	-0.075
8:	-0.284	0.102
9:	-0.772	0.424
10:	0.111	0.832



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	112589		
SERIAL NUMBER	06349010		
LOG-IN DATE	5-19-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	5-3-06	RTZ
505	RE-BARREL	6-1-06	RTZ
560	ASSEMBLE	6-1-06	RTZ
600	PROOF	MAGNA-FLUX INSPECTED JUN 05 2006 OPERATOR <i>APD</i>	TRW
605	CHECK HEADSPACE	6-1-06	TRW
610	DIS-ASSEMBLE GUN	6-2-06	RTZ
612	MAGNAFLUX	6-3-06	APD
510	DRILL AND TAP	6-2-06	TRW
615	ROLLMARK CALIBER	6-2-06	CW
618	ROTO-BLAST	6-5-06	CB
620	APPLY COATINGS	6-7-06	TCS
625	FINAL ASSEMBLY	6-12-06	RTZ
640	FUNCTION TEST AND	PASS FAIL	6-12-06 mjm
650	TARGET	PASS FAIL	6-12-06 mjm
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		6-28-06 AC
	A) HEADSPACE	PASS FAIL	6-28-06 AC
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	N/A AC
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	6 lbs 6 lbs 6 lbs AC
	G) SAFETY OFF FORCE	2 LBS MIN	3 lbs 3 lbs 3 lbs AC
	I) FIRING PIN INDENT	.020	.024 .024 .024 AC
690	PACK		7-6-06 RTZ

Remington® **DUPONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700™ M24

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

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

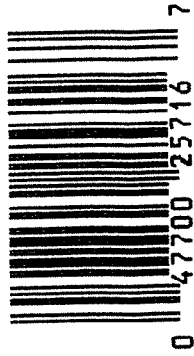
SERIAL NO. C6349010	ORDER NO. 5716
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Ø1



5716 C6349010

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349010

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 12	30	RW
600	Proof	4 12	90	A
607	Check Headspace	4 12	90	A
610	Dis-assemble Gun	4 12	90	RW
612	Magnaflux Barrel Action	4-19-90		KCR
	Magnaflux Bolt	4-19-90		KCR
615	Rollmark Caliber	4-19-90		GL
617	Drill and Tap Sight Holes		4/23/90	LB
618	Polish Barrel RB		4/24/90	WB
620	Apply Coatings (Barrel Action)		4/20/90	JA
	Apply Coating (Bolt)			
625	Final* Assembly			
	A) Clean inside of Bolt Assembly		5/25/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/25/90	RW
	C) Inspect Ejector Hole for Chamfer		5/25/90	RW
	D) Oil Firing Pin Ass'y		5/25/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6/6/90	PL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/4	4 1/4	4 1/4			6/8/90	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			6/8/90	WB
	H) Trigger Pull Test & Retainability						6/6/90	JH
	I) Firing Pin Indent	.0235	.0235	.0235			6/7/90	WB
	J) Assemble Stock						6/8/90	RW
	K) Assemble Swivel Studs						6/13/90	JH
	L) Attach Front and Rear Sight Assemblies						6/8/90	RW
	M) Iron Sight Alignment						6/8/90	RW
	N) Detach Front & Rear Sights & place in numbered container						6/8/90	RW
	O) Attach Scope to Rifle						6/8/90	WB
	P) Detach & Attach Scope 20 Times						6/8/90	WB
640	Gallery Target & Test						6-8-90	AC
	A) Time						6-8-90	AC
	B) Malfunctions						6-8-90	AC
	C) Pierced Primers						6-8-90	AC
	D) Optical Clarity of Scope						6-8-90	AC
645	Inspect for Live Ammo						6-8-90	AC
655	Final Inspection							
	A) Headspace						4/13/90	JH
	B) Trigger Pull	2.54	2.43	2.37	2.40	2.45	6/13/90	GS
	C) Function						6/13/90	JH
660	Pack						6-8-90	D/H

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50#+.50#
3.00#+.75#
4.00#+1.00#

SERIAL NO. C6349010
DATE 6/6/90
TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.26	2.40	2.59	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.28	2.22	2.38	2.43	
PULL #3	2.23	2.32	2.43	2.37	
PULL #4	2.37	2.24	2.45	2.40	
PULL #5	2.24	2.25	2.30	2.45	
TOTAL	11.60	11.29	11.96		
AVG.	2.32	2.258	2.392		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.41	3.40		
PULL #2	3.44	3.40		
PULL #3	3.39	3.46		
PULL #4	3.40	3.43		
PULL #5	3.42	3.43		
TOTAL	17.06	17.12		
AVG.	3.412	3.424		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.44	4.30		4.32
PULL #2	4.45	4.43		4.41
PULL #3	4.41	4.30		4.32
PULL #4	4.30	4.32		4.41
PULL #5	4.44	4.33		4.37
TOTAL	22.04	21.68		21.83
AVG.	4.408	4.336		4.366

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06349010
8 Jun 1990

CENTROIDAL DISTANCES

0 TO	1	.799032
1 TO	2	.522687
1 TO	3	.302605
1 TO	4	.552558
1 TO	5	.701754

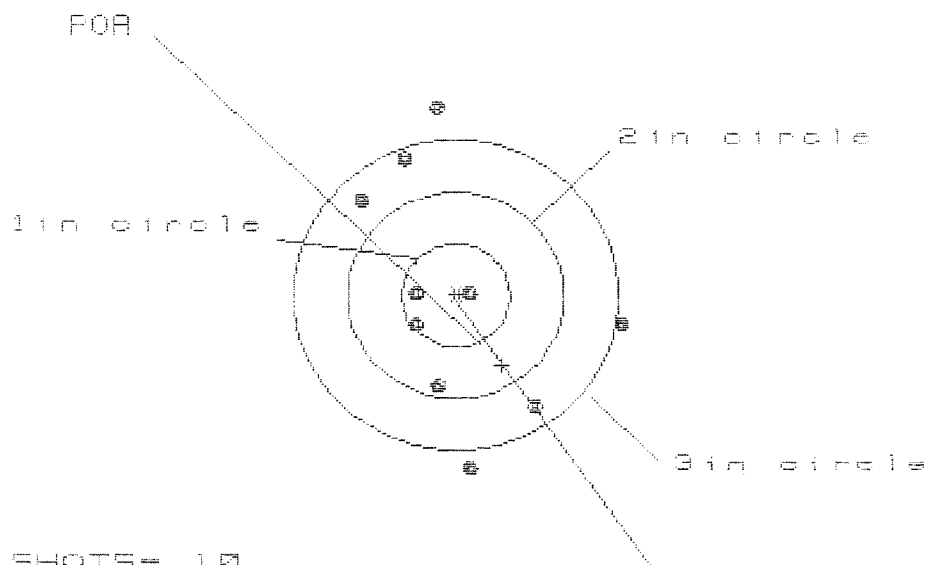
5
10⁴
2 + (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2318
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .7614
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .795903
THE AMR FOR THIS RIFLE IS: .9392

8 Jun 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06349010

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 3

2in = 4

3in = 7

HS= 2.388

VS= 3.537

GS= 3.551

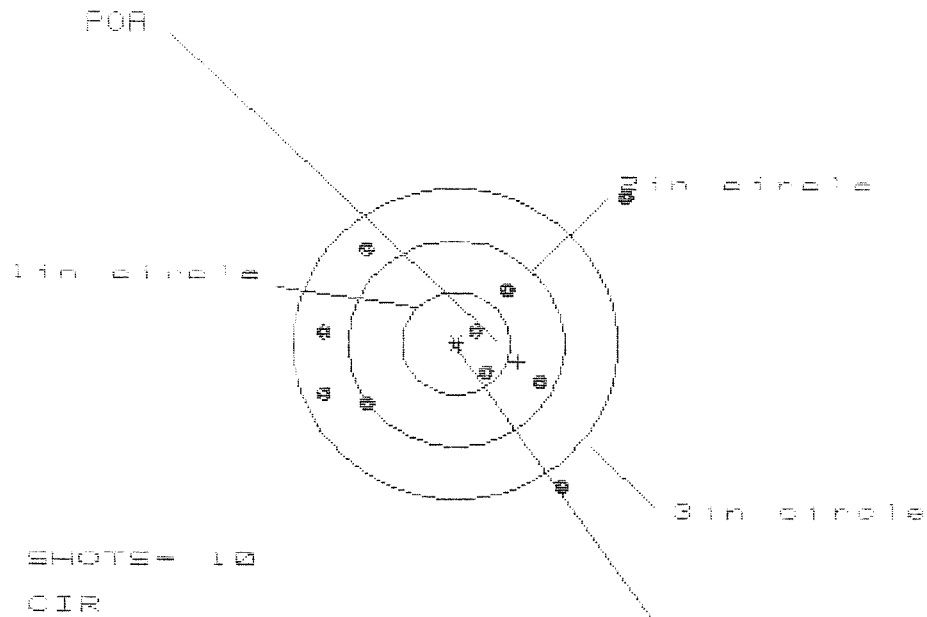
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.535	1.515	1.528
MINIMUM X	-1.853	-1.873	-1.860
MAXIMUM Y	1.843	1.556	1.370
MINIMUM Y	-1.694	-1.489	-1.031
CENTROID X	-.426	-.406	-.419
CENTROID Y	.676	.471	.657
FOR TO CENTROID in.	.799	.622	.790
MIN RADIUS	.090	.256	.095
MEAN RADIUS	1.085	.993	.913
MAX RADIUS	1.852	1.633	1.549
HORIZONTAL SPREAD	2.388	2.388	2.388
VERTICAL SPREAD	3.537	3.045	2.401
EXTREME SPREAD	3.551	3.105	2.667
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

8 Jun 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08349010

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 0

HS= 2.805

VS= 2.801

GS= 3.363

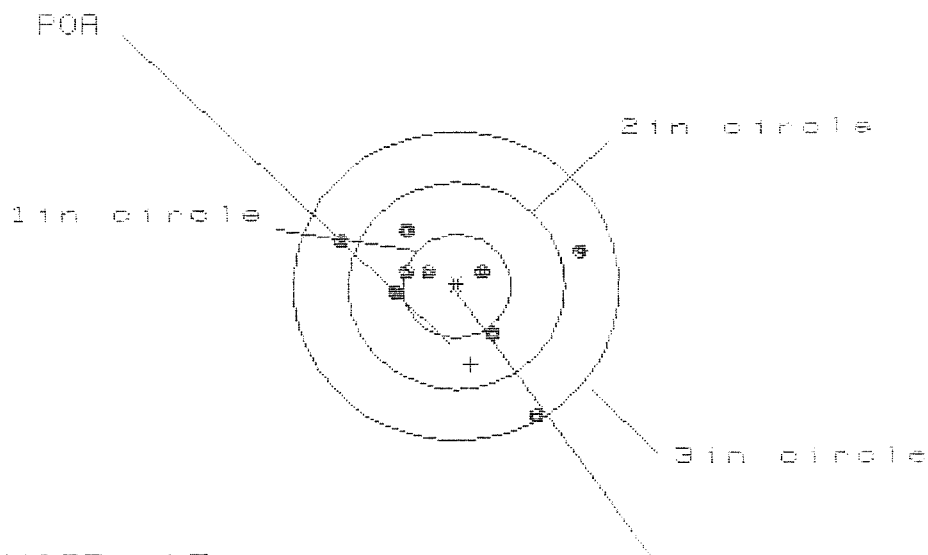
CENTROID #

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.545	1.161	1.057
MINIMUM X	:	-1.260	-1.088	-.943
MAXIMUM Y	:	1.420	1.058	.906
MINIMUM Y	:	-1.381	-1.224	-.615
CENTROID X	:	-.575	-.747	-.892
CENTROID Y	:	.175	.018	.170
POR TO CENTROID in.	:	.602	.747	.908
MIN RADIUS	:	.186	.419	.476
MEAN RADIUS	:	1.079	.975	.881
MAX RADIUS	:	2.099	1.687	1.128
HORIZONTAL SPREAD	:	2.805	2.249	2.000
VERTICAL SPREAD	:	2.801	2.282	1.521
EXTREME SPREAD	:	3.363	2.897	2.060
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	8		

8 Jun 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6349010

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 10

HS= 2.113

VS= 1.797

GS= 2.451

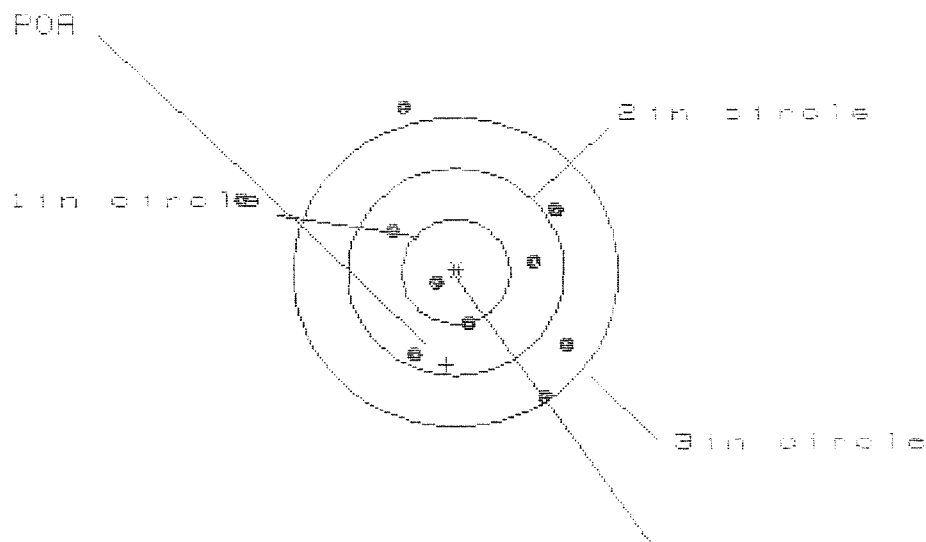
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.085	1.171	.592
MINIMUM X	:	-1.028	-.942	-.796
MAXIMUM Y	:	.525	.384	.407
MINIMUM Y	:	-1.272	-.627	-.604
CENTROID X	:	-.135	-.221	-.367
CENTROID Y	:	.759	.901	.878
POA TO CENTROID in.	:	.771	.927	.952
MIN RADIUS	:	.268	.184	.073
MEAN RADIUS	:	.687	.570	.464
MAX RADIUS	:	1.488	1.185	.846
HORIZONTAL SPREAD	:	2.113	2.113	1.388
VERTICAL SPREAD	:	1.797	1.011	1.011
EXTREME SPREAD	:	2.451	2.114	1.641
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

8 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349010

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS = 3.075

VS = 2.803

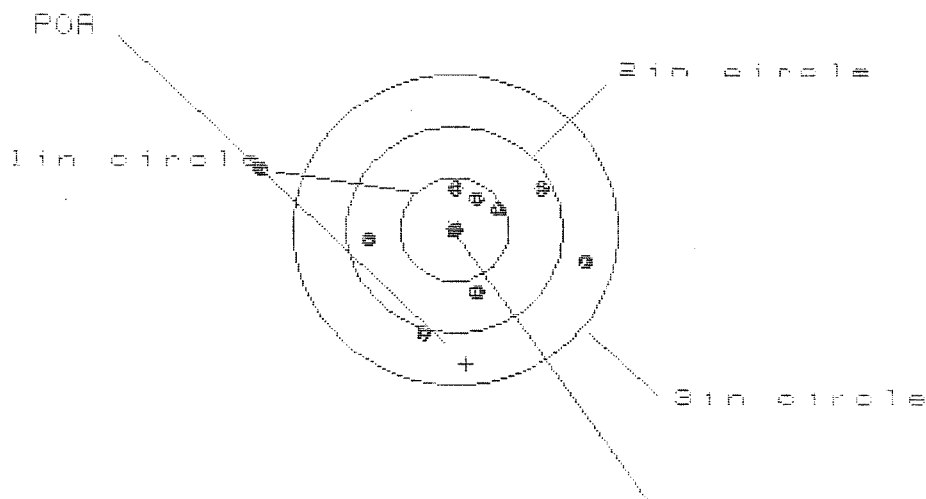
GS = 3.456

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.046	.821	.732
MINIMUM X	:	-2.029	-.771	-.860
MAXIMUM Y	:	1.557	1.640	.866
MINIMUM Y	:	-1.246	-1.163	-.958
CENTROID X	:	.080	.305	.394
CENTROID Y	:	.898	.815	.610
POA TO CENTROID in.	:	.901	.871	.727
MIN RADIUS	:	.266	.435	.271
MEAN RADIUS	:	1.070	.926	.790
MAX RADIUS	:	2.159	1.789	1.090
HORIZONTAL SPREAD	:	3.075	1.592	1.592
VERTICAL SPREAD	:	2.803	2.803	1.824
EXTREME SPREAD	:	3.456	3.085	2.112
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	5		
NUMBER IN THREE INCH CIRCLE =	:	8		

8 Jun 1992

FILE:/PATTERNING/CENTERFIRE_PATT/06345010

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 7

3 in = 9

HS= 3.000

VS= 1.511

GS= 3.130

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.244	1.048	.762
MINIMUM X	:	-1.765	-.947	-.816
MAXIMUM Y	:	.559	.508	.478
MINIMUM Y	:	-.952	-.890	-.920
CENTROID X	:	-.103	.093	-.038
CENTROID Y	:	1.299	1.237	1.267
POR TO CENTROID in.	:	1.303	1.240	1.268
MIN RADIUS	:	.006	.211	.078
MEAN RADIUS	:	.775	.654	.582
MAX RADIUS	:	1.851	1.076	.998
HORIZONTAL SPREAD	:	3.009	1.995	1.578
VERTICAL SPREAD	:	1.511	1.398	1.398
EXTREME SPREAD	:	3.130	2.005	1.769
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	