

C6523299

MODEL 700™ M24

Model **SMS**™

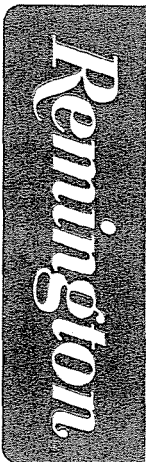
Action

Barrel Length

Capacity

Order No. **5716**

*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: **RE00087064** Serial: C6523299 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 10/27/2004 9:30:12 AM

Verify Repair

Address Information

Customer: Received From Return To Received From

Name: **ELECTRONIC MAIN SHOP GSC 10TH DIV** **ELECTRONIC MAIN SHOP GSC 10TH DIV**

Address 1: **ATTN MSG BARTRON SPC LAUBAUGH** **ATTN MSG BARTRON SPC LAUBAUGH**

Address 2: **BLDG 7426 RM 203 BAD TOELZ** **BLDG 7426 RM 203 BAD TOELZ** PO Box: PO Box:

City: **FORT CARSON** **FORT CARSON**

State: **CO** Zip Code: **80913** Country: **US** State: **CO** Zip Code: **80913** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: **Good**

Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
A025	Scope	1
C000	F AND R SGT BASES	1

Repair Search **Refresh** **Close**

hagleyj 10/27/2004 11:59 AM CAPS NUM INS SCPL

start 2 ATMS 3 2

Serial Number: **C6523299**

Model: **M24 SWS**



RE00087064

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

R & E NUMBER	87064		
SERIAL NUMBER	C6523299		
LOG-IN DATE	10-27-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-30-04	RTL
560 A	RE-BARREL	11-2-04	RTL
B	DRILL AND TAP	11-4-04	RTL
575	ASSEMBLE	11-2-04	RTL
600	PROOF	11-3-04	RTL
605	CHECK HEADSPACE	11-3-04	RTL
610	DIS-ASSEMBLE GUN	11-4-04	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	11/5/04	LB
618	ROTO-BLAST	11-6-04	LB
620	APPLY COATINGS	11/9	HP
625 A	FINAL ASSEMBLY	11-15-04	RTL
B	TRIGGER PULL TEST	N/A	N/A
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-16-04	AC
655	FINAL INSPECT	11-17-04	AC
660	PACK	11-17-04	RTA
		SHIP DATE	
		QAR INSPECTION DATE	

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523299.___0
FILE DATE AND TIME: 11/16/2004 07:44

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.038
The Average Y Centroid of the Five Target Set:	0.020
The Average Point of Impact of the Five Target Set:	0.043
The Average Mean Radius of the Five Target Set:	0.680
The Distance from POA to Centroid Target #1:	0.197
The Distance from Centroid Target #2 to Centroid Target #1:	0.234
The Distance from Centroid Target #3 to Centroid Target #1:	0.236
The Distance from Centroid Target #4 to Centroid Target #1:	0.261
The Distance from Centroid Target #5 to Centroid Target #1:	0.489

SERIAL NUMBER: C6523299. __0

TARGET NUMBER: 1

FILE DATE: 11/16/2004

FILE TIME: 07:44

X CENTROID: -0.195

Y CENTROID: 0.031

POA TO CENTROID: 0.197

HORZ SPREAD: 1.167

VERT SPREAD: 1.604

GROUP SPREAD: 1.629

MIN RADIUS: 0.299

MAX RADIUS: 0.958

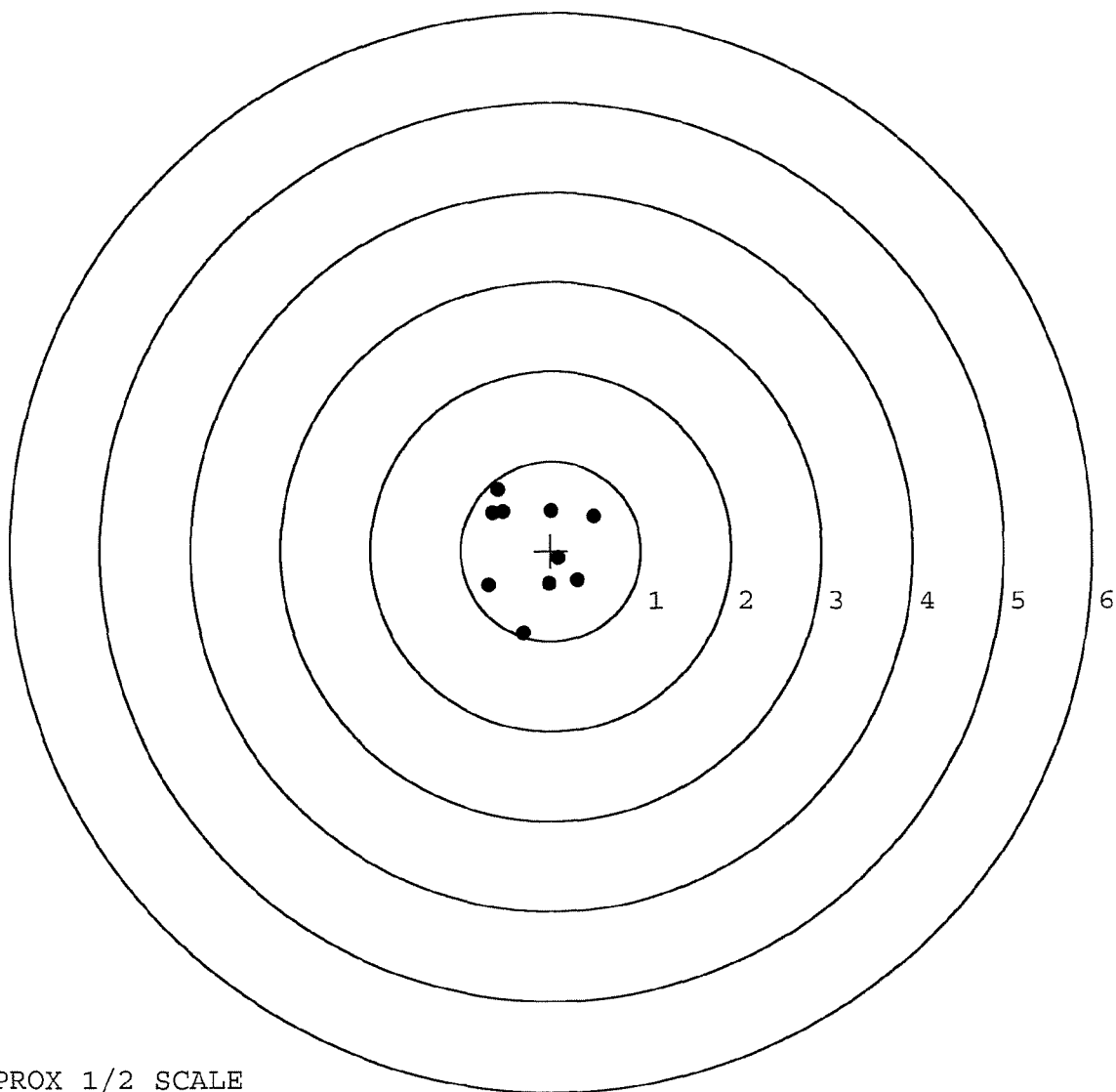
MEAN RADIUS: 0.608

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.479	0.387
2:	0.002	0.452
3:	-0.593	0.684
4:	-0.650	0.428
5:	-0.688	-0.383
6:	-0.309	-0.920
7:	0.294	-0.324
8:	-0.023	-0.373
9:	0.080	-0.086
10:	-0.540	0.446



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523299. __0

TARGET NUMBER: 2

FILE DATE: 11/16/2004

FILE TIME: 07:44

X CENTROID: 0.002

Y CENTROID: 0.158

POA TO CENTROID: 0.158

HORZ SPREAD: 1.602

VERT SPREAD: 2.300

GROUP SPREAD: 2.803

MIN RADIUS: 0.153

MAX RADIUS: 1.534

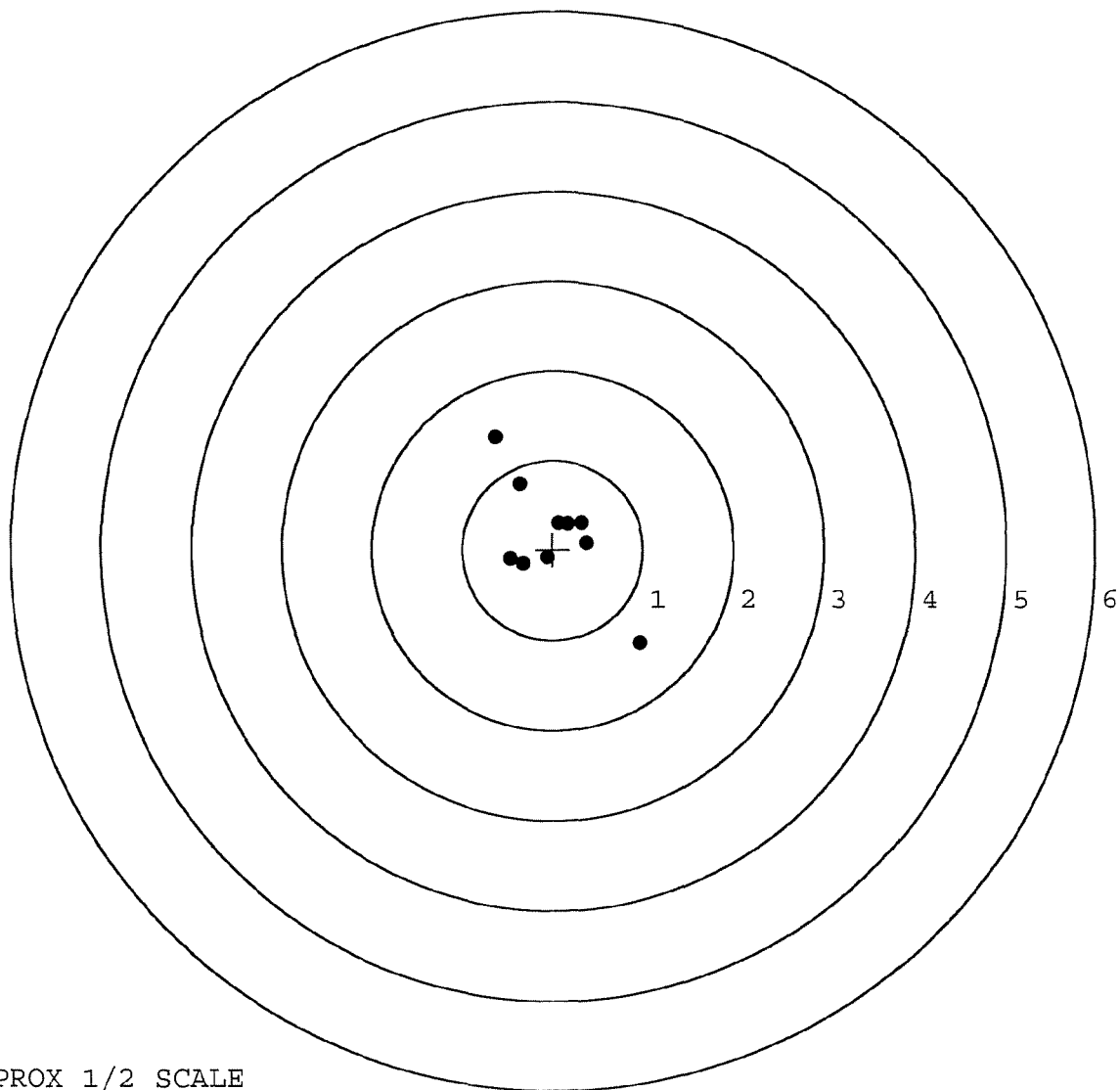
MEAN RADIUS: 0.585

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.634	1.266
2:	-0.372	0.738
3:	0.968	-1.034
4:	0.062	0.299
5:	0.319	0.299
6:	0.377	0.079
7:	-0.062	-0.092
8:	-0.473	-0.104
9:	-0.327	-0.157
10:	0.164	0.289



SERIAL NUMBER: C6523299. __0

TARGET NUMBER: 3

FILE DATE: 11/16/2004

FILE TIME: 07:44

X CENTROID: -0.170

Y CENTROID: 0.266

POA TO CENTROID: 0.315

HORZ SPREAD: 3.064

VERT SPREAD: 1.934

GROUP SPREAD: 3.114

MIN RADIUS: 0.332

MAX RADIUS: 1.701

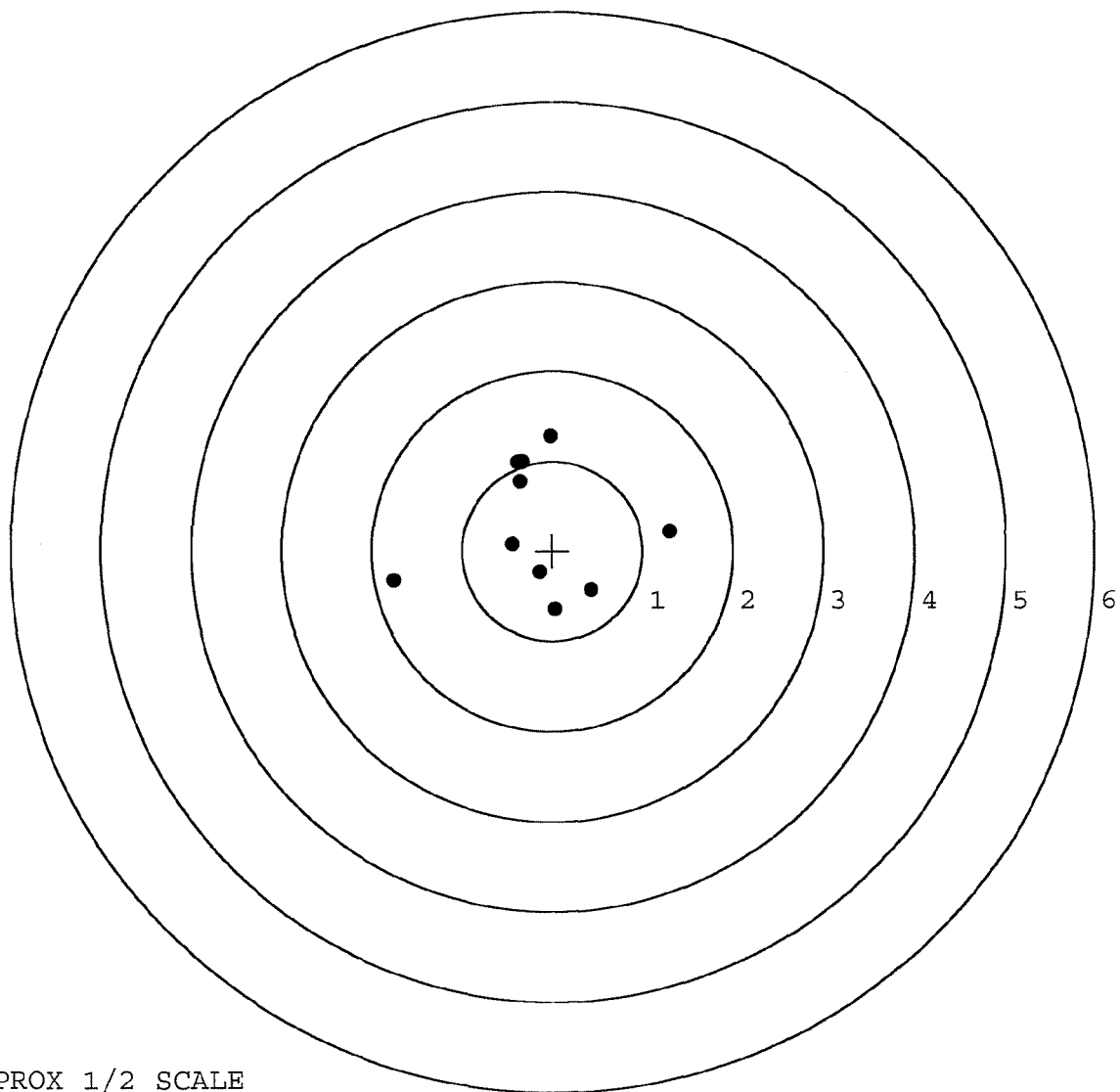
MEAN RADIUS: 0.897

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.024	1.277
2:	-0.387	0.993
3:	-0.365	0.778
4:	-1.759	-0.340
5:	-0.444	0.079
6:	-0.146	-0.246
7:	0.032	-0.657
8:	0.428	-0.439
9:	1.305	0.217
10:	-0.336	0.998



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523299. __0

TARGET NUMBER: 4

FILE DATE: 11/16/2004

FILE TIME: 07:44

POINT#	X	Y
1:	0.522	0.730
2:	0.241	0.344
3:	0.487	-0.106
4:	0.983	-0.303
5:	-0.547	0.389
6:	-0.311	0.140
7:	0.038	-0.349
8:	-0.564	-0.503
9:	-0.668	-0.291
10:	0.459	-0.089

X CENTROID: 0.064

Y CENTROID: -0.004

POA TO CENTROID: 0.064

HORZ SPREAD: 1.651

VERT SPREAD: 1.233

GROUP SPREAD: 1.679

MIN RADIUS: 0.346

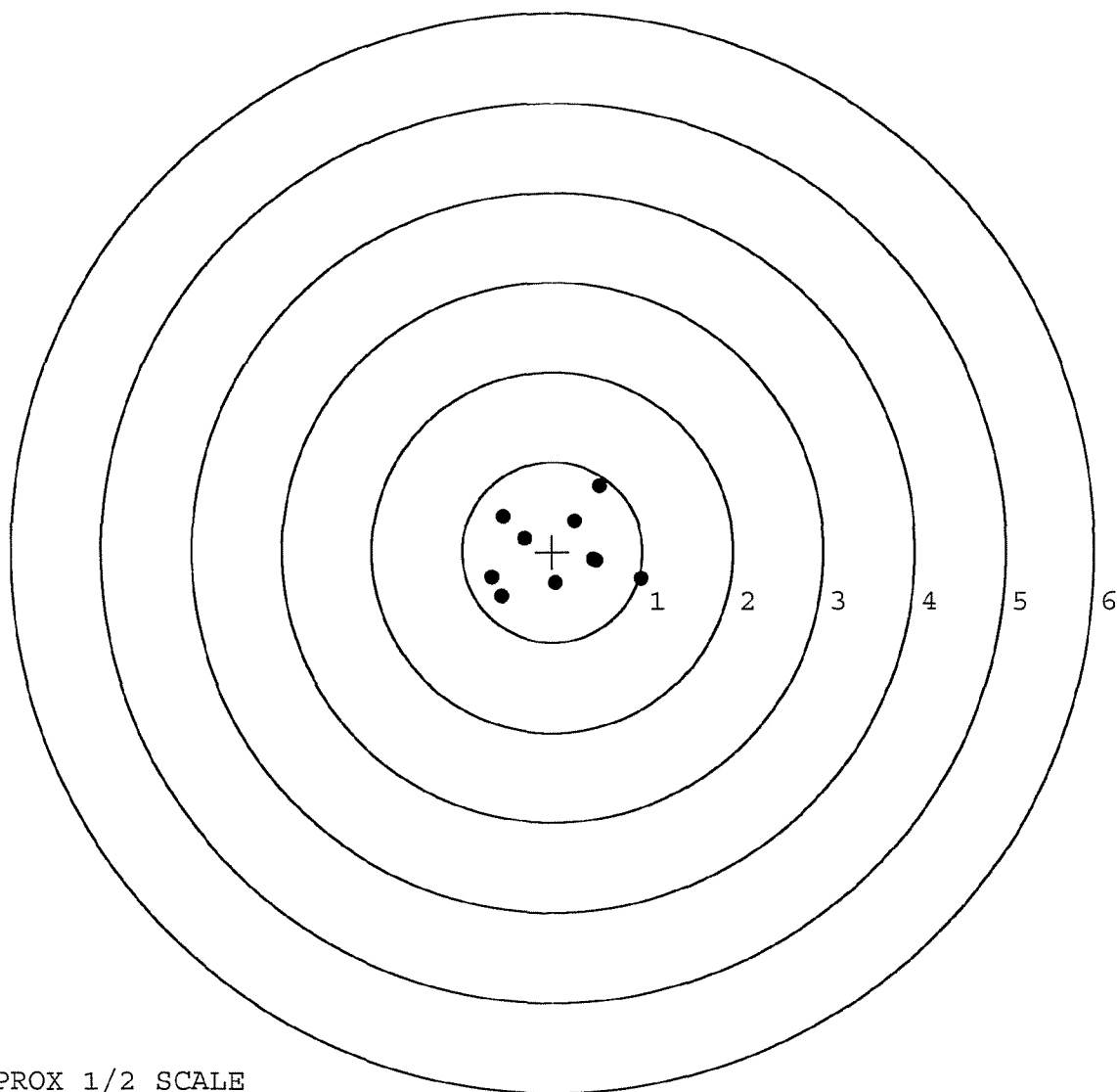
MAX RADIUS: 0.966

MEAN RADIUS: 0.612

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523299. __0

TARGET NUMBER: 5

FILE DATE: 11/16/2004

FILE TIME: 07:44

X CENTROID: 0.109

Y CENTROID: -0.351

POA TO CENTROID: 0.368

HORZ SPREAD: 1.381

VERT SPREAD: 1.775

GROUP SPREAD: 1.853

MIN RADIUS: 0.265

MAX RADIUS: 1.127

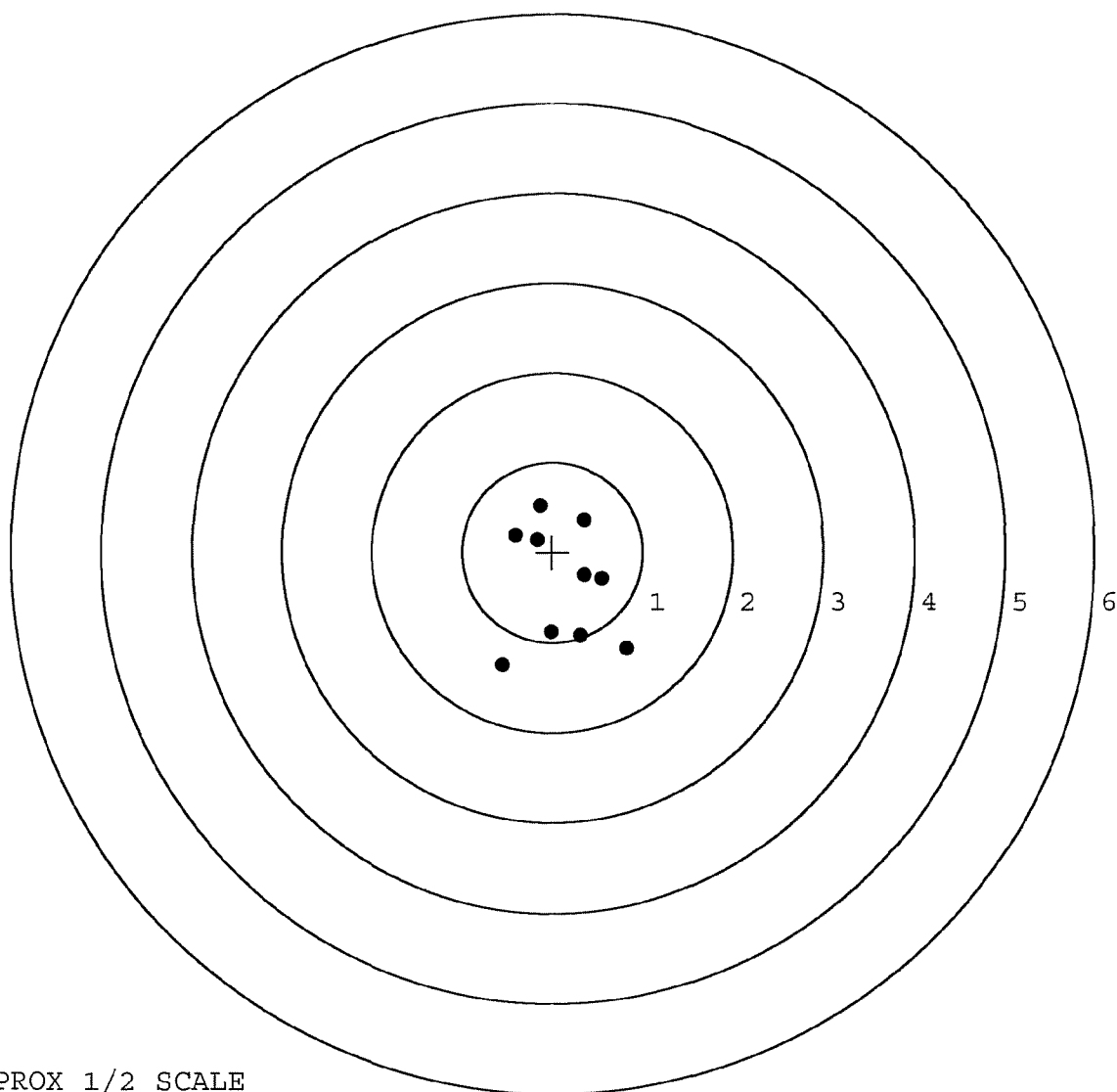
MEAN RADIUS: 0.698

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.143	0.515
2:	-0.408	0.190
3:	-0.169	0.137
4:	0.347	0.357
5:	0.548	-0.298
6:	0.356	-0.256
7:	0.313	-0.932
8:	-0.017	-0.893
9:	-0.558	-1.260
10:	0.823	-1.073



TARGET APPROX 1/2 SCALE

CEILING AND ESTIMATING REPORT

COMMENTS

Check

ORDER

R 95-14572

CUSTOMER ORDER NO.

M24 W/ULTRA 10X-M3A SCOPE, DETENTION KIT, PEEP
SIGHT, & EXT. MT ASSY. Scope S/N 89-1182

RECEIVED /11/95	DATE OPENED 05/12/95	DATE CODE EK 10-90	SERIAL NUMBER C6523299	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO
SERIES SLING STRAP W/STUDS			W/SWIVELS		SOFT CASE HARD CASE
W/SCOPE MOUNT, & BASE					

SHIP TO:

DEFENSE DIST. REGION CENTER
DEFENSE DIST. DEPOT RED RIVER
TEXARKANA TX 75507DEFENSE DIST. REGION CENTER
DEFENSE DIST. DEPOT RED RIVER
TEXARKANA TX 75507

CUST NO: 120130 C-D.D.L

JNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS
CONDITION					REPAIR CHARGE
EW					EXCISE
SHORTLY WORN					TAX
ORN					INSURANCE
ERY WORN					UPS
REPAIRABLE					PARCEL POST
ARRD					TOTAL

OTHER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
E	A1	B1				
BER GROUP		B2			E1	F1
ASSY.		B3			E2	F2
EL ASSY.		B4		D1	E3	F3
ASSY.		B5		D2	E4	F4
D			C1	D3	E5	F5
L			C2			

AULT

COMMENTS

Trigger Assy
Front + Rear Sight Assy

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400005792

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6523299

DATE 7-24-96

TESTER JA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.68	2.61	2.54	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.68	2.90	2.84	
PULL #3	2.66	2.76	2.67	
PULL #4	2.84	2.39	2.96	
PULL #5	2.50	2.85	2.92	
TOTAL	13.36	13.51	13.93	
AVG.	2.67	2.70	2.78	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.28	3.19	
PULL #2	3.18	3.23	
PULL #3	3.48	3.36	
PULL #4	3.68	3.69	
PULL #5	3.13	3.59	
TOTAL	16.75	17.06	
AVG.	3.35	3.41	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.42	4.48		4.03
PULL #2	4.43	4.58		4.20
PULL #3	4.43	4.22		4.40
PULL #4	4.54	4.01		4.37
PULL #5	4.58	4.35		4.79
TOTAL	22.40	21.64		21.79
AVG.	4.48	4.32		4.35

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

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

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	6	9.5	5.5	8/2	SF		
	G) Safety Off Force	5.5	4.25	5	8/2	SF		
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.021	.020	.0205	8/2	SF		
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.39	2.39	2.15	2.15	2.17	8/2	SF
	C) Function							
660	Pack							



MODEL 700™ H24



REG. U.S. PAT. & TM. OFF.

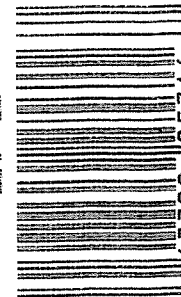
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.

SERIAL NO. C6520299

ORDER NO. 5716

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

UPC



0 47700 25716 7



5716 C6520299

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523299

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 9	90	RW
600	Proof	10 9	90	RW
607	Check Headspace	10 9	90	RW
610	Dis-assemble Gun	10 9	90	RW
612	Magnaflux Barrel Action		10/11/90	KR
	Magnaflux Bolt		10/11/90	KR
615	Rollmark Caliber		10/11/90	GL
617	Drill and Tap Sight Holes		10/11/90	FB
618	Polish Barrel RW		10/12/90	WB
620	Apply Coatings (Barrel Action)		10-18-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/22/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/22/90	RW
	C) Inspect Ejector Hole for Chamfer		10/22/90	RW
	D) Oil Firing Pin Ass'y		10/22/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-6-90	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3	3	3			11/6/90	RW
	G) Safety Off Force	2	2	2			11/6/90	RW
	H) Trigger Pull Test & Retainability						11-6-90	JH
	I) Firing Pin Indent	.021	.0205	.0215			11/6/90	RW
	J) Assemble Stock						11/6/90	RW
	K) Assemble Swivel Studs						11/19/90	JS
	L) Attach Front and Rear Sight Assemblies						11/6/90	RW
	M) Iron Sight Alignment						11/6/90	RW
	N) Detach Front & Rear Sights & place in numbered container						11/6/90	RW
	O) Attach Scope to Rifle						11/6/90	RW
	P) Detach & Attach Scope 20 Times						11/6/90	RW
640	Gallery Target & Test						11-7-90	NF
	A) Time						11-7-90	NF
	B) Malfunctions						11-7-90	NF
	C) Pierced Primers						11-7-90	NF
	D) Optical Clarity of Scope						11-7-90	NF
645	Inspect for Live Ammo						11-7-90	NF
655	Final Inspection							
	A) Headspace						11/19/90	JS
	B) Trigger Pull	223	216	212	213	203	11/19/90	JS
	C) Function						11/19/90	JS
660	Pack						12-17-90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 06523299

DATE 11-6-90

TESTER JEL.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.24	2.19	2.34	223	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.23	2.18	2.47	216	
PULL #3	2.24	2.40	2.45	212	
PULL #4	2.11	2.19	2.30	213	
PULL #5	2.13	2.31	2.18	203	
TOTAL	10.95	11.27	11.74		
AVG.	2.19	2.254	2.348		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.28	3.34		
PULL #2	3.18	3.18		
PULL #3	3.23	3.27		
PULL #4	3.21	3.22		
PULL #5	3.23	3.17		
TOTAL	16.13	16.18		
AVG.	3.226	3.236		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.49		4.32
PULL #2	4.17	4.36		4.42
PULL #3	4.23	4.39		4.23
PULL #4	4.26	4.19		4.43
PULL #5	4.50	4.16		4.39
TOTAL	21.38	21.59		21.79
AVG.	4.276	4.318		4.358

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06523299
8 Nov 1998

CENTROIDAL DISTANCES

0 TO	1	.359356
1 TO	2	.40847
1 TO	3	.456755
1 TO	4	.636482
1 TO	5	.454737

$\bar{x}$ -----POB

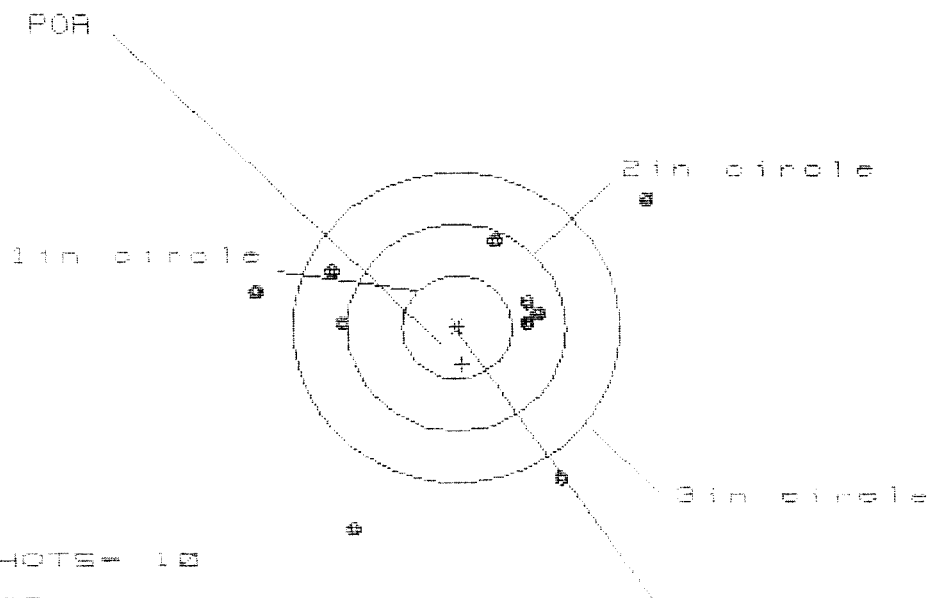
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.9542
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0248
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .8596044

THE AMR FOR THIS RIFLE IS: 1.029

8 NOV 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523299

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 0

2in = 4

3in = 6

HS = 3.592

VS = 3.230

GS = 4.148

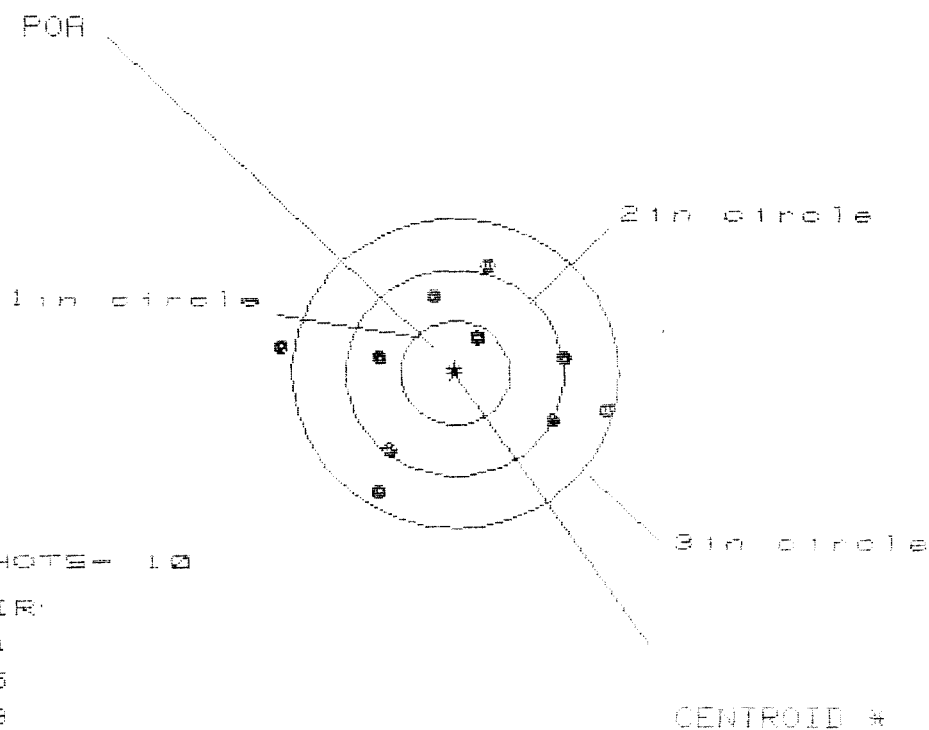
CENTROID +

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.701	1.600	1.638
MINIMUM X	-1.891	-1.992	-1.791
MAXIMUM Y	1.227	1.005	.697
MINIMUM Y	-2.003	-1.634	-1.509
CENTROID X	-.049	.052	-.148
CENTROID Y	.356	.578	.453
POA TO CENTROID in.	.359	.581	.477
MIN RADIUS	.611	.515	.714
MEAN RADIUS	1.318	1.172	1.111
MAX RADIUS	2.196	1.997	1.832
HORIZONTAL SPREAD	3.592	3.592	2.830
VERTICAL SPREAD	3.230	2.639	2.205
EXTREME SPREAD	4.148	3.693	3.044
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	6		

8 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523293

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR:

1 in = 1

2 in = 5

3 in = 4

HS= 2.951

VS= 2.163

GS= 3.022

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.378	1.263	.953
MINIMUM X	:	-1.573	-.928	-.778
MAXIMUM Y	:	1.035	1.068	1.027
MINIMUM Y	:	-1.128	-1.095	-1.136
CENTROID X	:	.004	.179	.029
CENTROID Y	:	-.047	-.080	-.039
POA TO CENTROID in.	:	.047	.196	.049
MIN RADIUS	:	.387	.366	.368
MEAN RADIUS	:	1.033	.958	.911
MAX RADIUS	:	1.601	1.408	1.352
HORIZONTAL SPREAD	:	2.951	2.131	1.731
VERTICAL SPREAD	:	2.163	2.163	2.163
EXTREME SPREAD	:	3.022	2.391	2.391
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

8 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523289

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 8

HS = 2.233

VS = 3.508

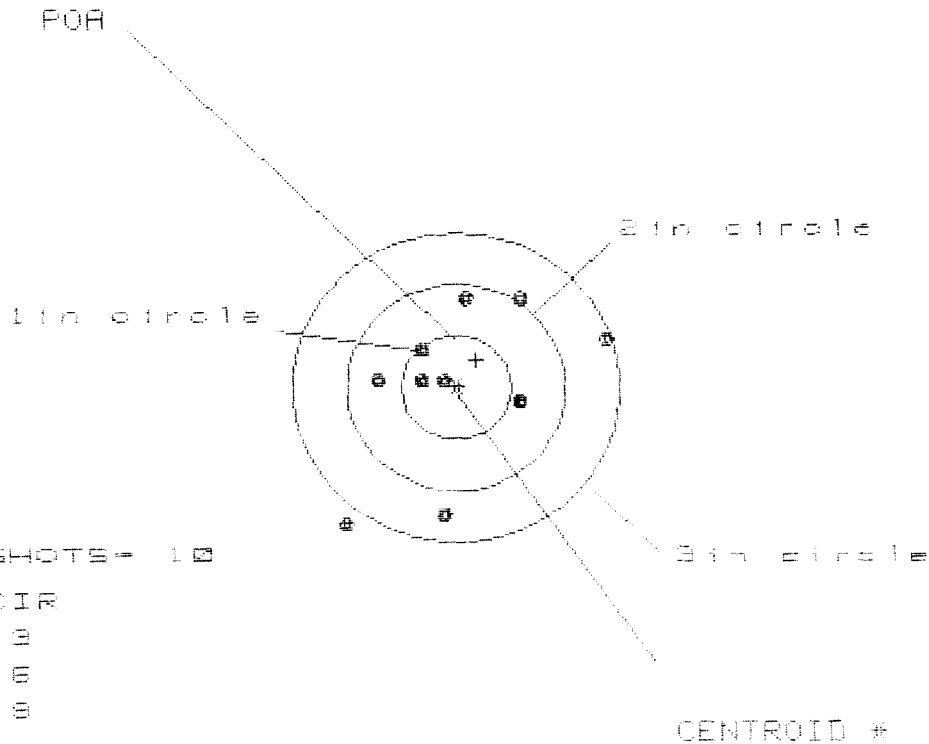
GS = 3.613

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.377	1.287	1.281
MINIMUM X	:	-.856	-.946	-.952
MAXIMUM Y	:	1.684	.889	.684
MINIMUM Y	:	-1.825	-1.638	-.890
CENTROID X	:	-.138	-.048	-.042
CENTROID Y	:	-.092	-.279	-.074
POA TO CENTROID in.	:	.166	.283	.086
MIN RADIUS	:	.258	.090	.281
MEAN RADIUS	:	1.003	.896	.807
MAX RADIUS	:	1.870	1.638	1.392
HORIZONTAL SPREAD	:	2.233	2.233	2.233
VERTICAL SPREAD	:	3.509	2.527	1.574
EXTREME SPREAD	:	3.613	2.732	2.445
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			8	

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 2.471

VS= 2.205

GS= 3.045

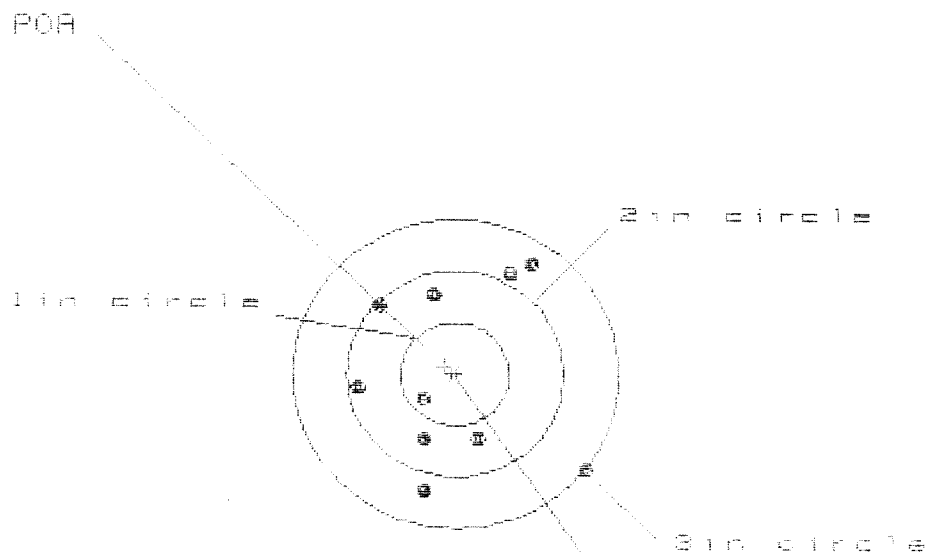
CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.406	1.288	.604
MINIMUM X	-1.065	-.799	-.638
MAXIMUM Y	.850	.700	.794
MINIMUM Y	-1.355	-1.399	-1.365
CENTROID X	-.184	-.066	-.227
CENTROID Y	-.266	-.116	-.150
POA TO CENTROID in.	.324	.133	.272
MIN RADIUS	.135	.243	.082
MEAN RADIUS	.850	.745	.630
MAX RADIUS	1.723	1.423	1.368
HORIZONTAL SPREAD	2.471	2.087	1.242
VERTICAL SPREAD	2.205	2.099	2.099
EXTREME SPREAD	3.045	2.277	2.212
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

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CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS = 2.084

VS = 2.162

GS = 2.476

CENTROID

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.207	.822	.759
MINIMUM X	:	-.877	-.743	-.641
MAXIMUM Y	:	1.080	.981	.989
MINIMUM Y	:	-1.082	-1.181	-1.058
CENTROID X	:	.096	-.038	-.140
CENTROID Y	:	-.075	.024	-.099
POA TO CENTROID in.	:	.122	.045	.172
MIN RADIUS	:	.384	.395	.281
MEAN RADIUS	:	.941	.863	.777
MAX RADIUS	:	1.499	1.280	1.247
HORIZONTAL SPREAD	:	2.084	1.565	1.400
VERTICAL SPREAD	:	2.162	2.162	2.047
EXTREME SPREAD	:	2.476	2.375	2.204
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	