

C6523432

MODEL 700TM M24

Model **SWS** TM

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: RE00136216

Serial: C6523432 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 11/2/2007 10:17:28 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: BARRY MOBERLY

BARRY MOBERLY

Address 1: L-3 COMMUNICATIONS

L-3 COMMUNICATIONS

Address 2: 5749 BRIAR HILL RD BLDG 221 PO Box:

5749 BRIAR HILL RD BLDG 221 PO Box:

City: LEXINGTON

LEXINGTON

State: KY

Zip Code: 40516

Country: US

State: KY

Zip Code: 40516

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A008	With Swivel	3
A010	Hard Case	1
A026	Scope	1
A055	Deployment Kit	1
D000	SCOPE CASE	1

Repair Search

Refresh

Close

naglelj

11/2/2007

1:11 PM

CAPS

NUM

INS

SCRL

start

2 Mi...

5 Int...

4 Mi...

Part S...

longo...

Arms ...

1:11 PM

Serial Number: C6523432

Model: M24 SWS



RE00136216

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

R & B NUMBER 136214
SERIAL NUMBER C6523432
LOG-IN DATE 11-2-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	7-9-08	RTZ
505	RE-BARREL	7-9-08	RTZ
560	ASSEMBLE	7-10-08	RTZ
600	PROOF	7-10-08	SD
605	CHECK HEADSPACE	7-10-08	SD
610	DIS-ASSEMBLE GUN	7-11-08	RTZ
612	MAGNAFLUX	7-11-08	(RTZ)
510	DRILL AND TAP	7-11-08	SP
615	ROLLMARK CALIBER	7-15-08	RT
618	ROTO-BLAST	7-17-08	CM
620	APPLY COATINGS	7-24-08	RTZ
625	FINAL ASSEMBLY	7-24-08	RTZ
640	FUNCTION TEST AND	9-2-08	SP
650	TARGET	9-2-08	SP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	9-6-08	TL
	A) HEADSPACE	9-8-08	RTZ
		9-8-08	RTZ
	B) TRIGGER PULL	2.42 2.42 2.42 2.19 2.27 9.808	CM
690	F) SAFETY ON FORCE	6.0 6.0 6.0 9.808	RTZ
	G) SAFETY OFF FORCE	4.0 4.0 4.0 9.808	RTZ
	H) FIRING PIN INDENT	0.24 0.24 0.24 9.808	RTZ
690	PACK	9-5-08	TL

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523432.___0
FILE DATE AND TIME: 09/03/2008 10:50

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.047
The Average Y Centroid of the Five Target Set:	0.046
The Average Point of Impact of the Five Target Set:	0.066
The Average Mean Radius of the Five Target Set:	0.798
The Distance from POA to Centroid Target #1:	0.064
The Distance from Centroid Target #2 to Centroid Target #1:	0.285
The Distance from Centroid Target #3 to Centroid Target #1:	0.157
The Distance from Centroid Target #4 to Centroid Target #1:	0.180
The Distance from Centroid Target #5 to Centroid Target #1:	0.046

SERIAL NUMBER: C6523432.___0

TARGET NUMBER: 1

FILE DATE: 09/03/2008

FILE TIME: 10:50

POINT#	X	Y
1:	-0.984	-0.553
2:	-0.808	-0.244
3:	0.325	-1.473
4:	0.147	-1.058
5:	0.700	-0.649
6:	0.647	0.474
7:	-0.294	-0.003
8:	-0.590	0.330
9:	-0.568	0.587
10:	1.168	1.999

X CENTROID: -0.026

Y CENTROID: -0.059

POA TO CENTROID: 0.064

HORZ SPREAD: 2.152

VERT SPREAD: 3.472

GROUP SPREAD: 3.573

MIN RADIUS: 0.274

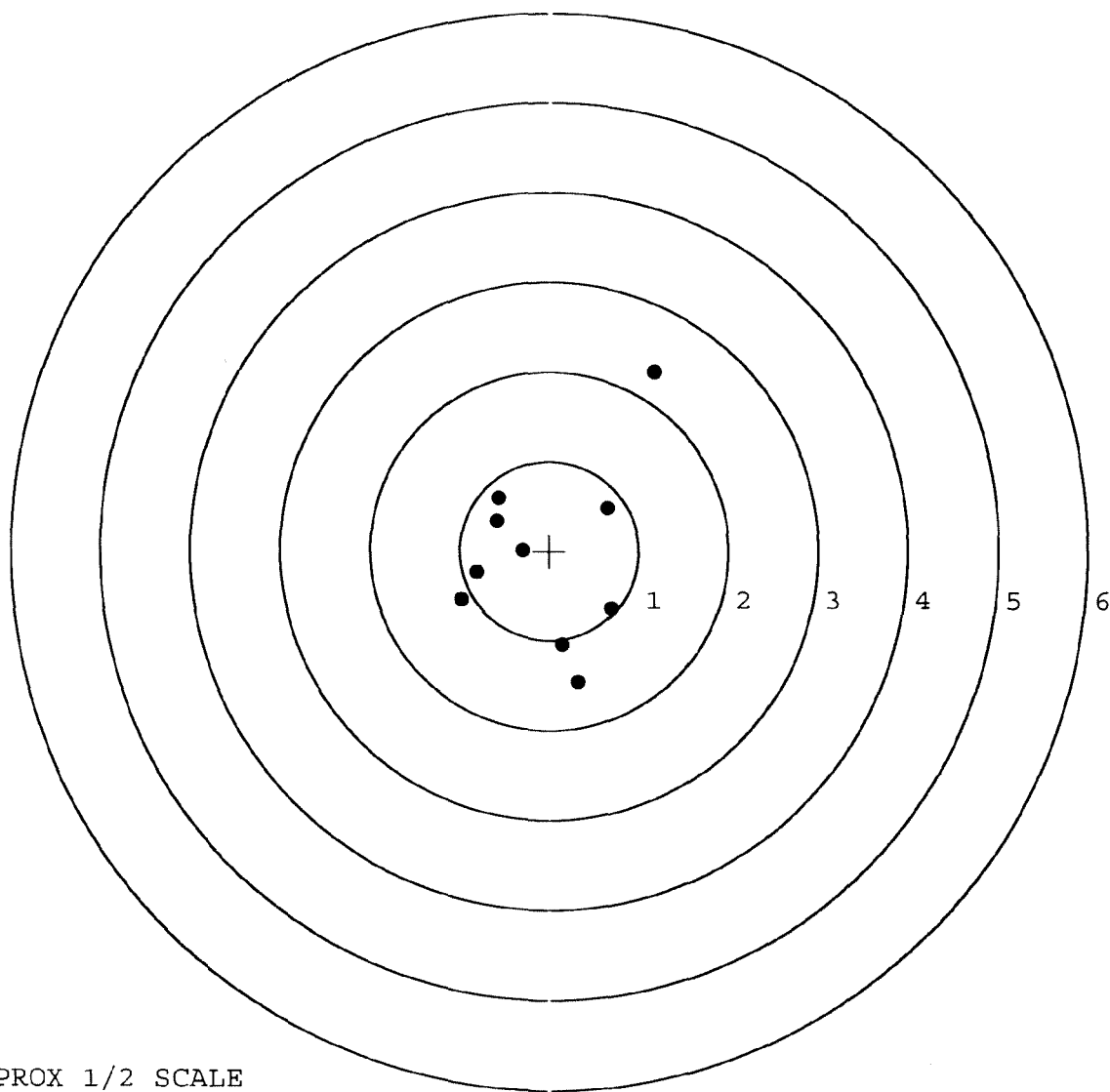
MAX RADIUS: 2.379

MEAN RADIUS: 1.033

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523432. 0

TARGET NUMBER: 2

FILE DATE: 09/03/2008

FILE TIME: 10:50

POINT#	X	Y
1:	0.579	-1.202
2:	0.222	-0.256
3:	0.602	-0.054
4:	1.394	0.409
5:	0.403	0.535
6:	0.266	0.309
7:	0.035	0.423
8:	-0.350	0.258
9:	-0.666	0.763
10:	-0.994	0.478

X CENTROID: 0.149

Y CENTROID: 0.166

POA TO CENTROID: 0.223

HORZ SPREAD: 2.388

VERT SPREAD: 1.965

GROUP SPREAD: 2.326

MIN RADIUS: 0.184

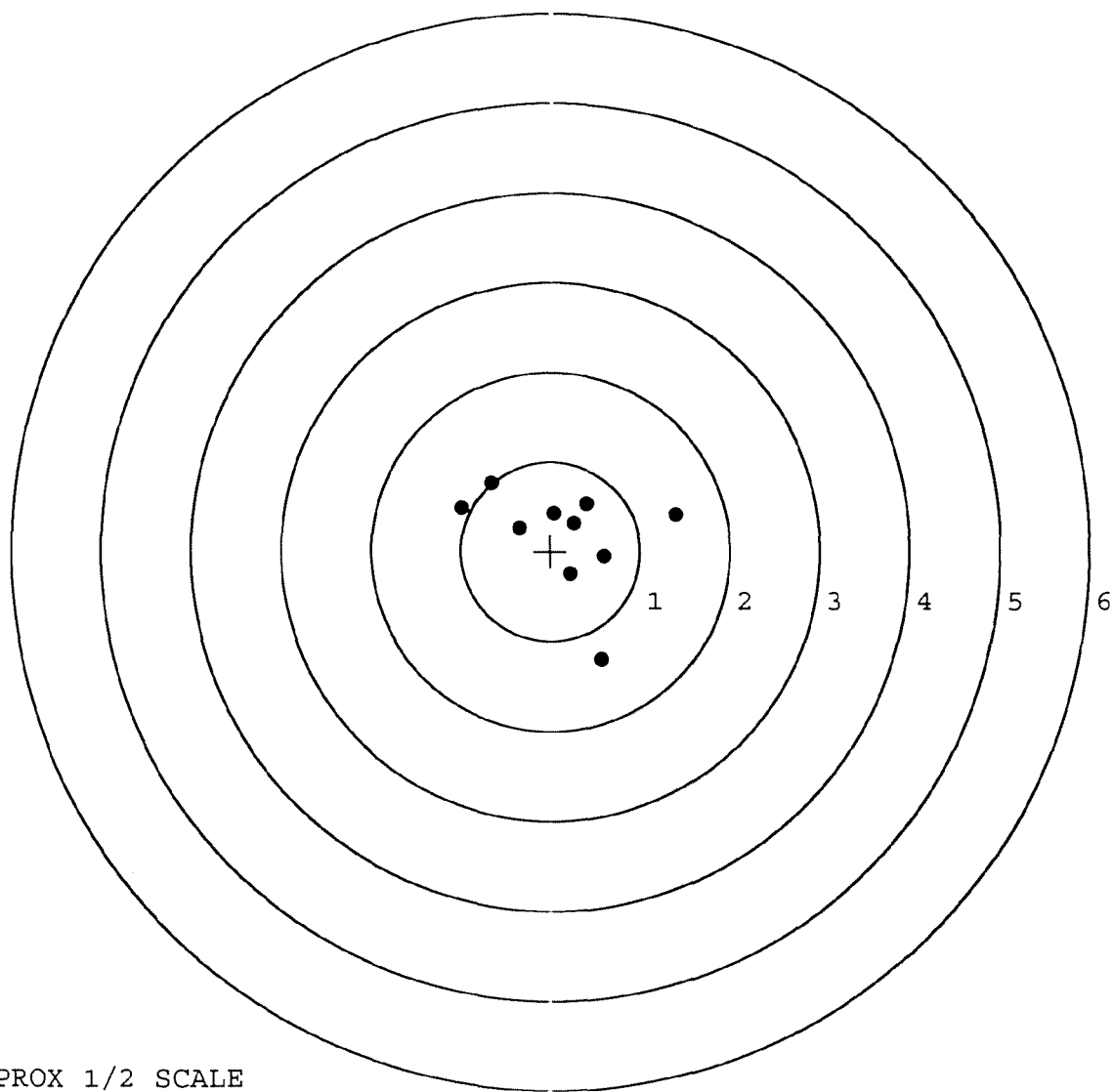
MAX RADIUS: 1.434

MEAN RADIUS: 0.725

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523432. __0

TARGET NUMBER: 3

FILE DATE: 09/03/2008

FILE TIME: 10:50

POINT#	X	Y
1:	0.196	-1.177
2:	0.206	-0.645
3:	0.476	-0.323
4:	-0.146	-0.457
5:	0.471	0.346
6:	0.156	0.679
7:	-0.127	0.549
8:	-0.415	0.120
9:	-0.579	0.657
10:	-0.196	1.202

X CENTROID: 0.004

Y CENTROID: 0.095

POA TO CENTROID: 0.095

HORZ SPREAD: 1.055

VERT SPREAD: 2.379

GROUP SPREAD: 2.411

MIN RADIUS: 0.420

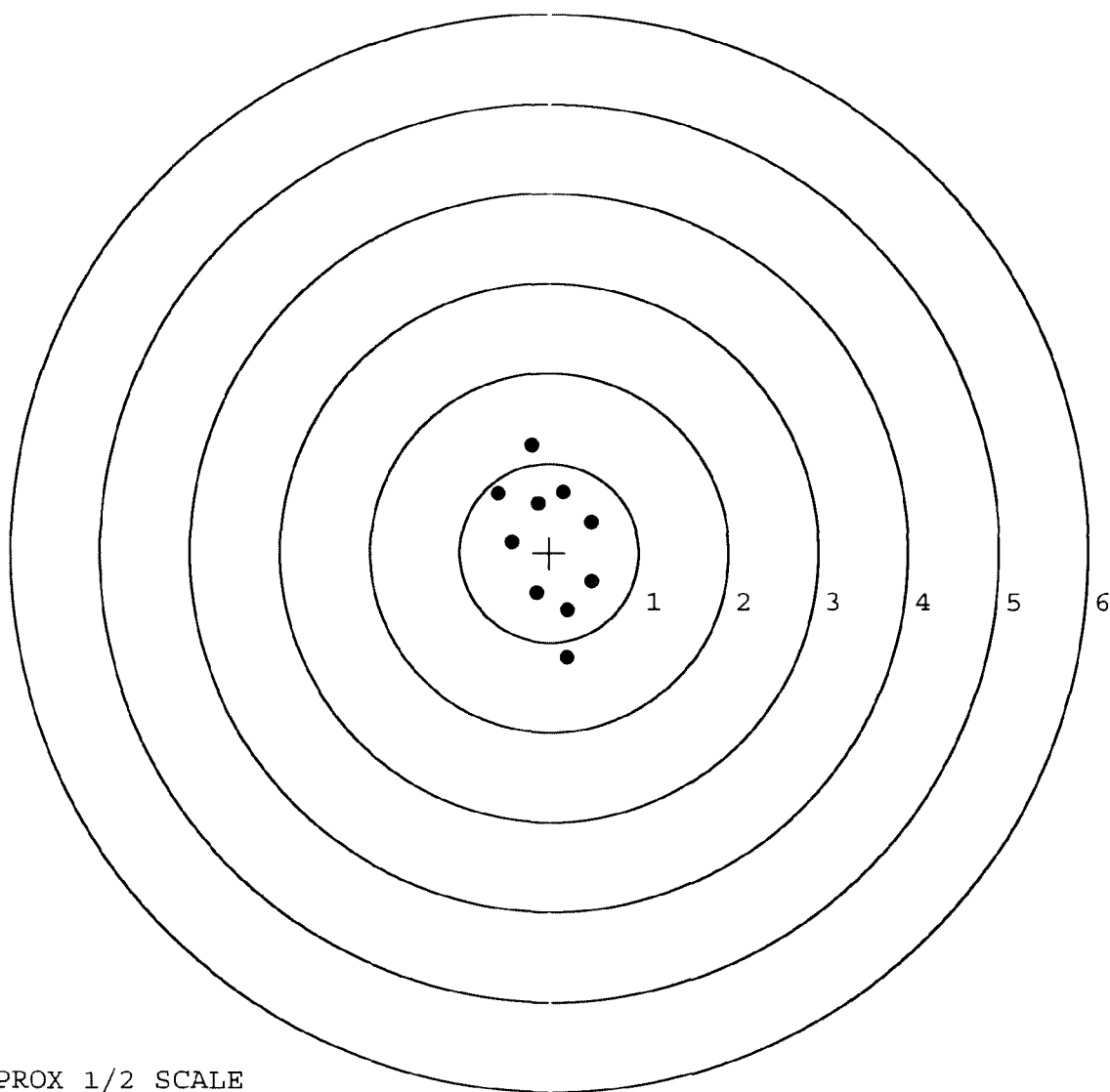
MAX RADIUS: 1.286

MEAN RADIUS: 0.722

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523432.___0

TARGET NUMBER: 4

FILE DATE: 09/03/2008

FILE TIME: 10:50

POINT#	X	Y
1:	-0.384	-0.549
2:	0.020	-0.543
3:	0.191	-0.341
4:	0.452	-0.163
5:	0.690	-0.057
6:	0.679	0.279
7:	0.172	0.103
8:	-0.195	0.193
9:	-0.946	0.206
10:	0.569	1.262

X CENTROID: 0.125

Y CENTROID: 0.039

POA TO CENTROID: 0.131

HORZ SPREAD: 1.636

VERT SPREAD: 1.811

GROUP SPREAD: 2.046

MIN RADIUS: 0.080

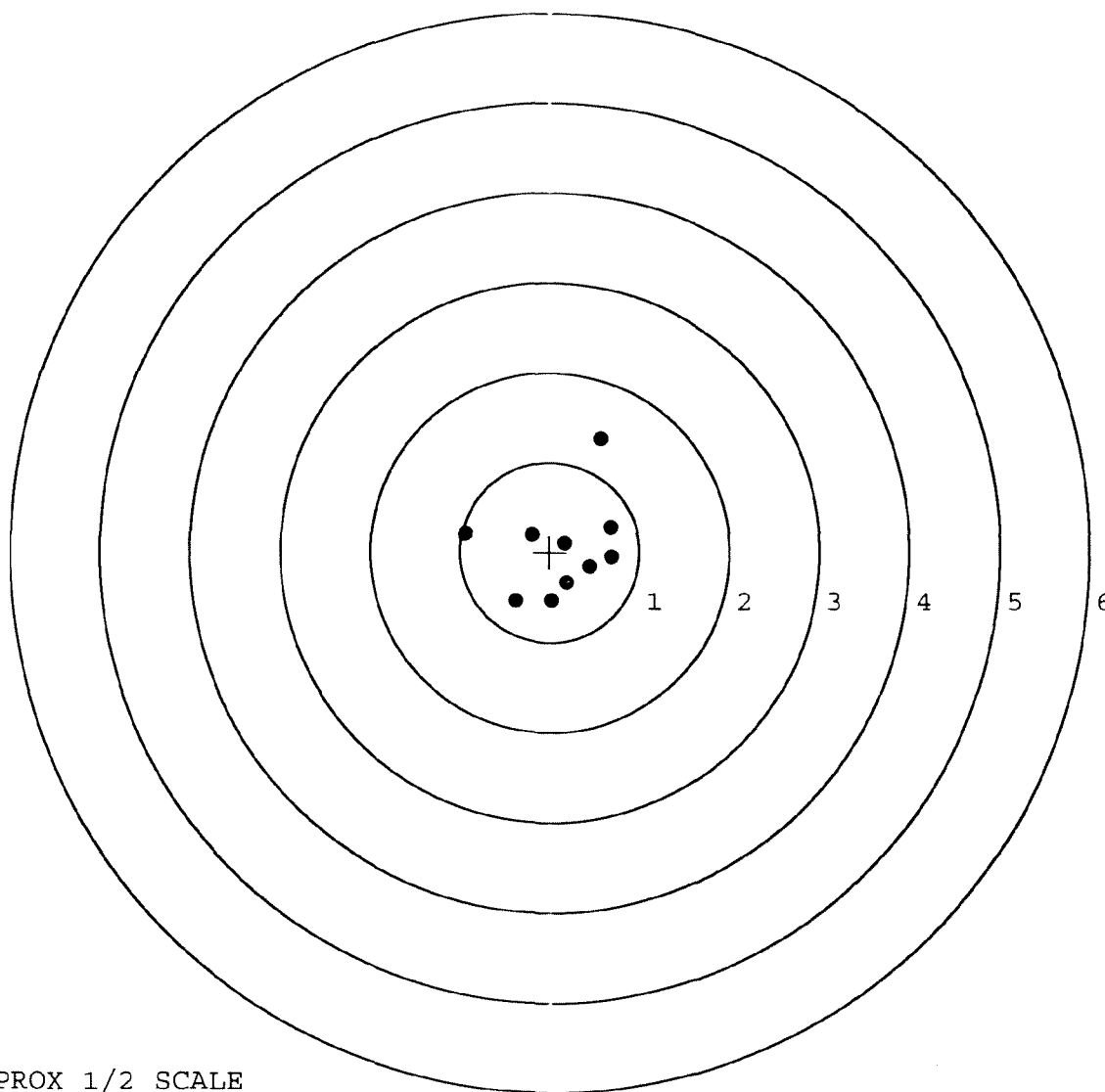
MAX RADIUS: 1.301

MEAN RADIUS: 0.614

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523432.___0

TARGET NUMBER: 5

FILE DATE: 09/03/2008

FILE TIME: 10:50

POINT#	X	Y
1:	-0.091	-1.147
2:	0.000	-0.819
3:	0.897	-0.790
4:	0.744	-0.132
5:	0.494	-0.028
6:	0.419	0.388
7:	0.041	0.828
8:	-0.313	0.232
9:	-0.689	0.682
10:	-1.666	0.650

X CENTROID: -0.016

Y CENTROID: -0.014

POA TO CENTROID: 0.021

HORZ SPREAD: 2.563

VERT SPREAD: 1.975

GROUP SPREAD: 2.940

MIN RADIUS: 0.385

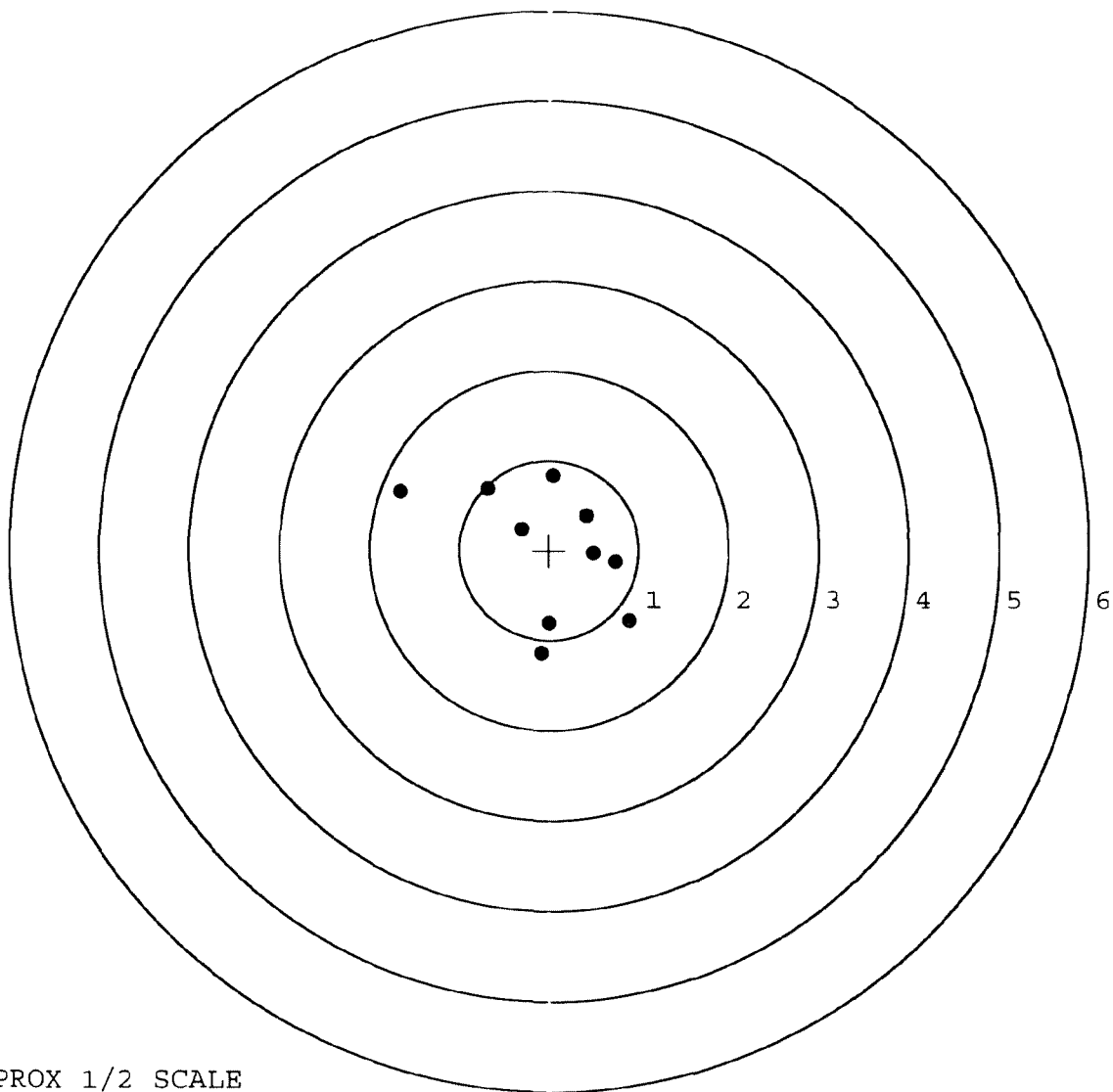
MAX RADIUS: 1.778

MEAN RADIUS: 0.899

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

COMMENTS

R ORDER
94-18343

INITIAL	CUSTOMER ORDER NO.
FDC	DAAG09-92-C-0834

W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN *SCOPE 89-0071*

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE	
06/11/94	06/11/94		C6523432		700 7.62	NATO
ACCESSORIES	SLING STRAP	HARD CASE	SCOPE MNTS	SCOPE BASE		

FROM: _____ SHIP TO: _____

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL
36201-5025

CUST NO:098397 C.D.D.

ACCOUNT NUMBER	ACCOUNT NUMBER N/C
----------------	--------------------

WRITE ☐

PROM. DATE	ESTIMATED	VIA
------------	-----------	-----

GUN CONDITION

☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
------------------	------	----------	--------	----------	-----	---------

CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS	COMMENTS

Trigger Assy	173.71
Scope Rep	119.43
Clean/Insp/Rep	<u>50.00</u>
	343.14

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**

M2400028010

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6523432

DATE _____

TESTER Rw

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.71	2.38	2.51		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.74	2.50	2.51		
PULL #3	2.71	2.36	2.44		
PULL #4	2.88	2.48	2.48		
PULL #5	2.84	2.54	2.58		
TOTAL	13.88	12.26	12.52		
AVG.	2.78	2.45	2.50		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.20	3.13		
PULL #2	3.29	3.10		
PULL #3	3.32	3.15		
PULL #4	3.32	3.20		
PULL #5	3.22	3.17		
TOTAL	16.35	15.75		
AVG.	3.27	3.15		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.13	4.12		4.19
PULL #2	4.11	4.12		4.00
PULL #3	4.14	4.31		4.11
PULL #4	4.30	4.28		4.17
PULL #5	4.18	4.20		4.24
TOTAL	20.86	21.03		20.71
AVG.	4.17	4.21		4.14

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 652 3432

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	5 1/2	5 1/2	5 1/2			11/28	WLB
	G) Safety Off Force	3 3/4	3 3/4	3 3/4			11/28	WLB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	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	2.43	2.49	2.39	2.39	11/28	WLB
	C) Function							
660	Pack							

Remington



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

MODEL 700TM H24

SERIAL NO.
C6523432

ORDER NO.
5716

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

01



5716 C6523432

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523432

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/4/90	KA
600	Proof		10/4/90	KA
607	Check Headspace		10/4/90	KA
610	Dis-assemble Gun		10/4/90	KA
612	Magnaflux Barrel Action		10/9/90	KB
	Magnaflux Bolt		10/9/90	KB
615	Rollmark Caliber		10/9/90	SS
617	Drill and Tap Sight Holes		10/11/90	FB
618	Polish Barrel <i>KB</i>		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		10/19/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/19/90	WB
	C) Inspect Ejector Hole for Chamfer		10/19/90	WB
	D) Oil Firing Pin Ass'y		10/19/90	WB
	E) Adjust Trigger Pull to Min Setting and Stake		11/5/90	KA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5.25	5.0	4.75			11-2-90	KT
	G) Safety Off Force	3.0	3.25	3.75			11-2-90	KT
	H) Trigger Pull Test & Retainability						11-5-90	JLK
	I) Firing Pin Indent	.024	.025	.025			11-2-90	KT
	J) Assemble Stock						11-5-90	KL
	K) Assemble Swivel Studs						11-9-90	DH
	L) Attach Front and Rear Sight Assemblies						11-5/90	KA
	M) Iron Sight Alignment						11-5/90	KA
	N) Detach Front & Rear Sights & place in numbered container						11-5/90	KA
	O) Attach Scope to Rifle						11/5/90	KA
	P) Detach & Attach Scope 20 Times						11/5/90	KA
640	Gallery Target & Test						11-6-90	KT
	A) Time						11-6-90	KT
	B) Malfunctions						11-6-90	KT
	C) Pierced Primers						11-6-90	KT
	D) Optical Clarity of Scope						11-6-90	KT
645	Inspect for Live Ammo						11-6-90	KT
655	Final Inspection							
	A) Headspace						11-19-90	DH
	B) Trigger Pull	2.21	2.15	2.11	2.16	2.08	11-19-90	DH
	C) Function						11-19-90	DH
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 C6523432

DATE 11-5-90

TESTER JG

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.27	2.19	2.33	2.21	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.24	2.21	2.33	2.15	
PULL #3	2.21	2.17	2.33	2.11	
PULL #4	2.21	2.33	2.28	2.16	
PULL #5	2.26	2.28	2.30	2.08	
TOTAL	11.19	11.18	11.57		
AVG.	2.238	2.236	2.314		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.34	3.12		
PULL #2	3.49	3.13		
PULL #3	3.47	3.22		
PULL #4	3.43	3.25		
PULL #5	3.41	3.11		
TOTAL	17.14	15.83		
AVG.	3.428	3.166		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	4.50		4.48
PULL #2	4.11	4.18		4.49
PULL #3	4.46	4.38		4.47
PULL #4	4.39	4.46		4.16
PULL #5	4.47	4.50		4.50
TOTAL	21.58	22.02		22.10
AVG.	4.316	4.404		4.42

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06523432
7 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.342708
1 TO	2	.174642
1 TO	3	.308415
1 TO	4	.516462
1 TO	5	.394183

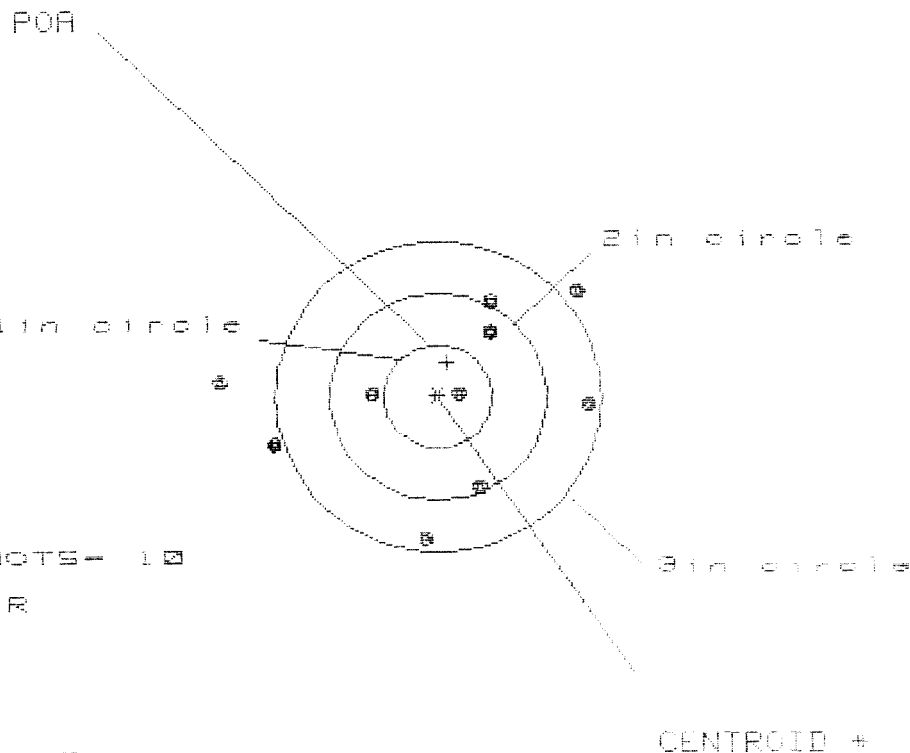
---POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .09
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1368
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .163751
THE AMP FOR THIS RIFLE IS: 1.032

7 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8523432

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

IS = 3.402

VS = 2.347

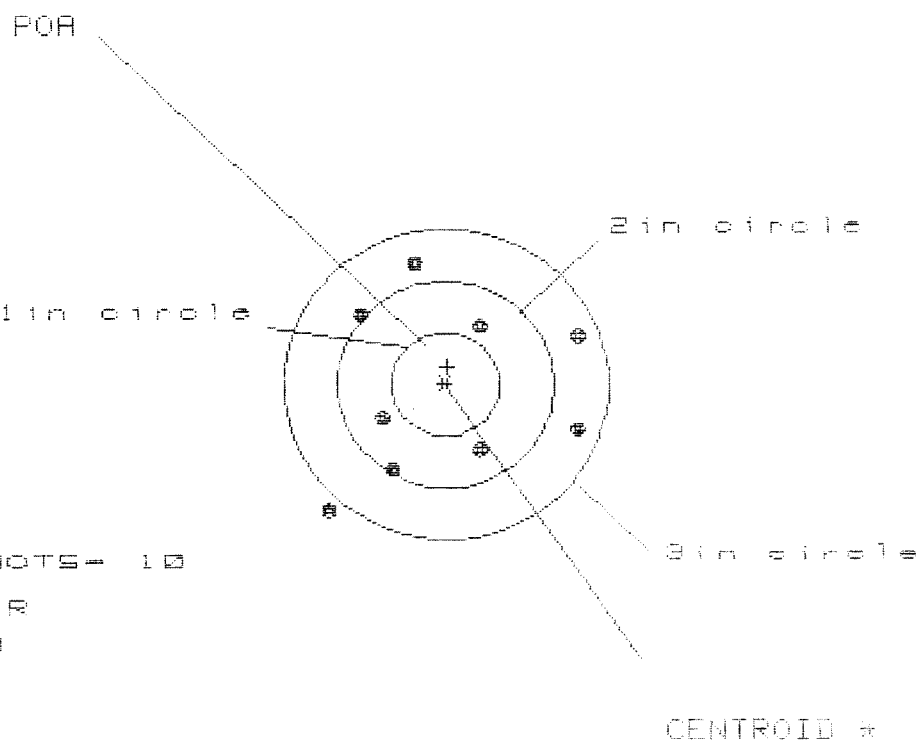
GS = 3.409

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.393	1.170	1.299
MINIMUM X	:	-2.009	-1.747	-1.618
MAXIMUM Y	:	1.010	1.025	1.086
MINIMUM Y	:	-1.337	-1.322	-1.194
CENTROID X	:	-.085	.138	.009
CENTROID Y	:	-.332	-.347	-.475
POA TO CENTROID in.	:	.343	.374	.475
MIN RADIUS	:	.206	.031	.191
MEAN RADIUS	:	1.154	1.019	.979
MAX RADIUS	:	2.014	1.810	1.654
HORIZONTAL SPREAD	:	3.402	2.917	2.917
VERTICAL SPREAD	:	2.347	2.347	2.280
EXTREME SPREAD	:	3.409	3.163	2.945
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

7 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8523432

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 9

HS= 0.347

VS= 2.464

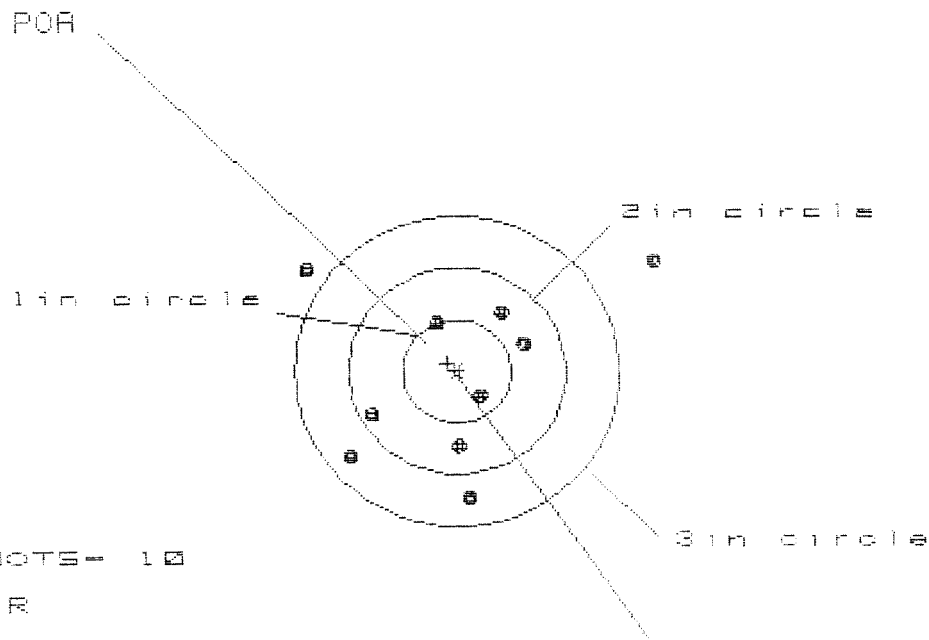
GS= 2.863

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.225	1.101	1.180
MINIMUM X	:	-1.122	-.874	-.737
MAXIMUM Y	:	1.201	1.061	.996
MINIMUM Y	:	-1.263	-.992	-1.057
CENTROID X	:	-.015	.109	-.028
CENTROID Y	:	-.172	-.032	.033
POR TO CENTROID in.	:	.173	.114	.044
MIN RADIUS	:	.603	.421	.446
MEAN RADIUS	:	1.007	.907	.859
MAX RADIUS	:	1.689	1.217	1.207
HORIZONTAL SPREAD	:	2.347	1.975	1.917
VERTICAL SPREAD	:	2.464	2.053	2.053
EXTREME SPREAD	:	2.863	2.260	2.142
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	9		

7 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523432

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HE= 3.138

VS= 2.235

GS= 3.295

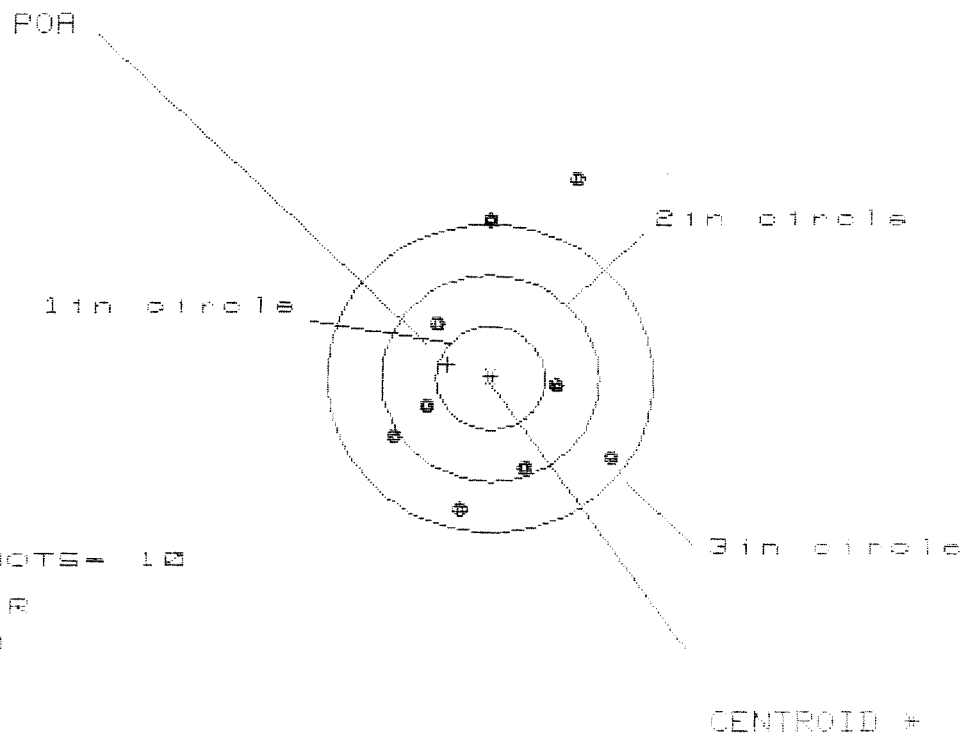
CENTROID *

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.781	.845	.780
MINIMUM X	-1.357	-1.159	-.893
MAXIMUM Y	1.042	1.085	.804
MINIMUM Y	-1.193	-1.077	-.942
CENTROID X	.087	-.111	.034
CENTROID Y	-.076	-.192	-.327
POA TO CENTROID in.	.115	.221	.329
MIN RADIUS	.311	.445	.298
MEAN RADIUS	.990	.869	.749
MAX RADIUS	2.063	1.587	1.052
HORIZONTAL SPREAD	3.138	2.004	1.593
VERTICAL SPREAD	2.235	2.162	1.746
EXTREME SPREAD	3.295	2.629	1.933
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	8	

7 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8529432

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 0

2in = 5

3in = 8

HS = 2.019

VS = 3.119

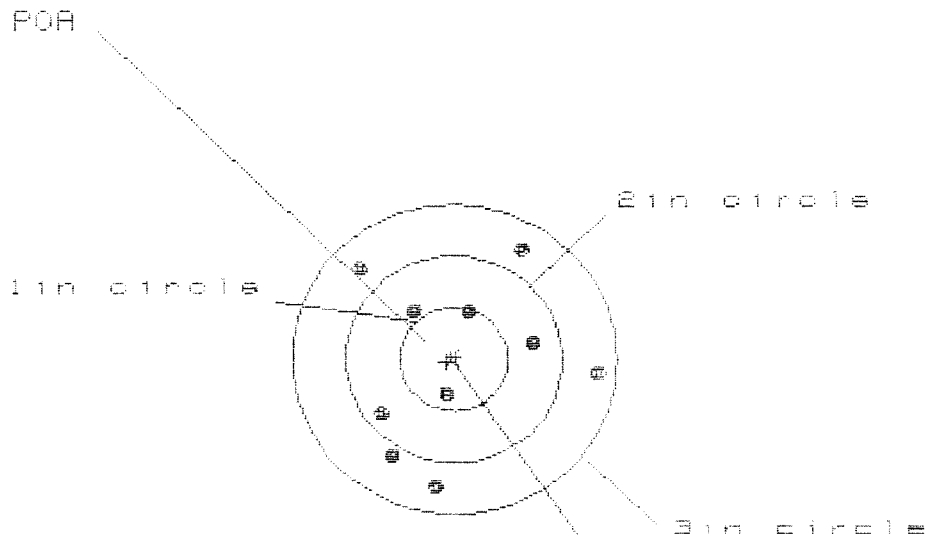
GS = 3.326

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.082	1.173	1.190
MINIMUM X	:	-.937	-.846	-.829
MAXIMUM Y	:	1.893	1.794	1.018
MINIMUM Y	:	-1.226	-1.015	-.791
CENTROID X	:	.392	.301	.284
CENTROID Y	:	-.134	-.345	-.569
POA TO CENTROID in.	:	.414	.458	.636
MIN RADIUS	:	.627	.488	.496
MEAN RADIUS	:	1.100	.946	.811
MAX RADIUS	:	2.063	1.799	1.235
HORIZONTAL SPREAD	:	2.019	2.019	2.019
VERTICAL SPREAD	:	3.119	2.809	1.809
EXTREME SPREAD	:	3.326	2.835	2.084
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

7 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06523432

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 10

HE= 2.164

VE= 2.266

GE= 2.417

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.314	.832	.824
MINIMUM X	:	-.851	-.705	-.713
MAXIMUM Y	:	1.033	1.013	.857
MINIMUM Y	:	-1.233	-1.253	-1.068
CENTROID X	:	.071	-.074	-.066
CENTROID Y	:	.030	.050	.206
POA TO CENTROID in.	:	.078	.089	.217
MIN RADIUS	:	.311	.308	.410
MEAN RADIUS	:	.909	.851	.788
MAX RADIUS	:	1.325	1.275	1.149
HORIZONTAL SPREAD	:	2.164	1.537	1.537
VERTICAL SPREAD	:	2.266	2.266	1.925
EXTREME SPREAD	:	2.417	2.417	2.254
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	