

C6523346

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

M2400006548

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. 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: RE00136228

Serial: C6523346 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 11/2/2007 10:16:29 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

naglej

11/2/2007

1:12 PM

CAPS

NUM

INS

SCRL



2 Mi...

5 Int...

4 Mi...

Part 5...

longo...

Arms ...

1:12 PM

Serial Number: C6523346

Model: M24 SWS



RE00136228

INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207

R & E NUMBER	156228		
SERIAL NUMBER	C6523346		
LOG-IN DATE	11-2-08		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	7-8-08	RTZ
505	RE-BARREL	7-9-08	RTZ
420	ASSEMBLE	7-10-08	RTZ
440	PROOF	7-10-08	SD
460	CHECK HEADSPACE	7-10-08	SD
470	DIS-ASSEMBLE GUN	7-11-08	RTZ
480	MAGNAFLUX	7-11-08	(X8)
510	DRILL AND TAP	7-11-08	SP
500	ROLLMARK CALIBER	7/15/08	RT
520	GOFF BLAST BBL / REC	2-17	com
530 & 540	APPLY COATINGS	7-22-08	RTZ
560	FINAL ASSEMBLY	7-22-08	RTZ
640	FUNCTION TEST AND	PASS FAIL 8-4-08	TRW
650	TARGET	PASS FAIL 8-4-08	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	8-4-08	MED
	A) HEADSPACE	PASS FAIL 7-10-08	RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 2.41 2.44 2.44 2.45 2.46 8/15/08	Fm
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 5 5 5 8-20	TL
	G) SAFETY OFF FORCE	2 LBS MIN 3.5 3.5 3.5 8-20	TL
	I) FIRING PIN INDENT	.020 .022 .023 .023 8-20	TL
690	PACK	9-10-08	TL

F006 REV 5/2006

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523346.___0
FILE DATE AND TIME: 08/05/2008 04:42

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.061
The Average Y Centroid of the Five Target Set:	0.001
The Average Point of Impact of the Five Target Set:	0.061
The Average Mean Radius of the Five Target Set:	0.752
The Distance from POA to Centroid Target #1:	0.166
The Distance from Centroid Target #2 to Centroid Target #1:	0.243
The Distance from Centroid Target #3 to Centroid Target #1:	0.198
The Distance from Centroid Target #4 to Centroid Target #1:	0.119
The Distance from Centroid Target #5 to Centroid Target #1:	0.190

SERIAL NUMBER: C6523346. __0

TARGET NUMBER: 1

FILE DATE: 08/05/2008

FILE TIME: 04:42

POINT#	X	Y
1:	-0.494	0.887
2:	-0.262	0.697
3:	-0.948	0.458
4:	-1.234	0.072
5:	-0.444	0.016
6:	-0.003	0.016
7:	-0.639	-0.736
8:	0.832	-1.134
9:	1.171	-0.844
10:	0.853	-0.607

X CENTROID: -0.117

Y CENTROID: -0.118

POA TO CENTROID: 0.166

HORZ SPREAD: 2.405

VERT SPREAD: 2.021

GROUP SPREAD: 2.574

MIN RADIUS: 0.175

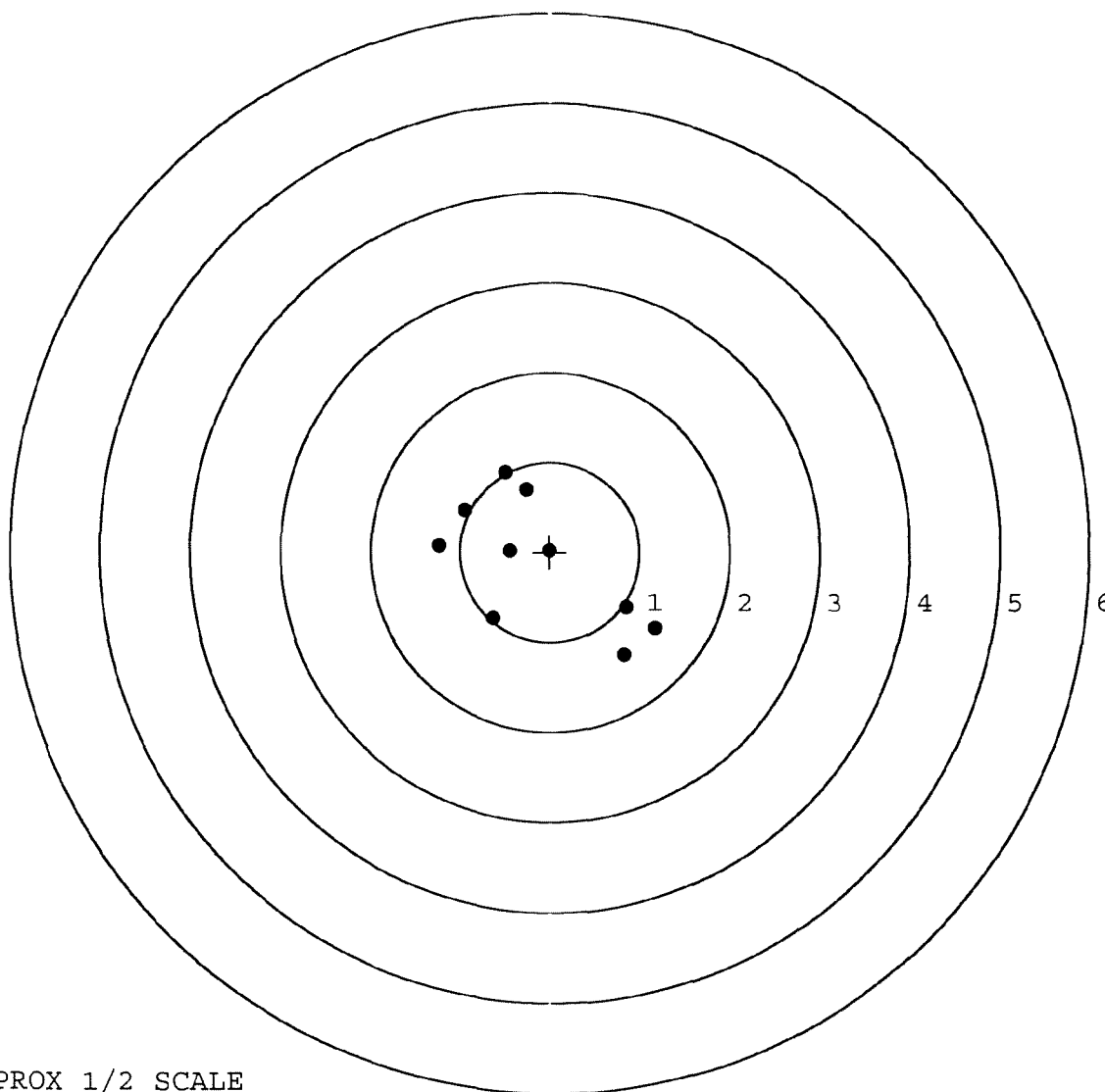
MAX RADIUS: 1.479

MEAN RADIUS: 0.934

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523346.___0

TARGET NUMBER: 2

FILE DATE: 08/05/2008

FILE TIME: 04:42

POINT#	X	Y
1:	-0.835	-0.120
2:	-0.695	-0.262
3:	-0.471	-0.727
4:	0.122	-0.664
5:	0.463	-0.038
6:	0.367	0.319
7:	0.267	0.514
8:	0.410	0.678
9:	0.114	0.981
10:	-0.202	0.464

X CENTROID: -0.046

Y CENTROID: 0.114

POA TO CENTROID: 0.123

HORZ SPREAD: 1.298

VERT SPREAD: 1.708

GROUP SPREAD: 1.805

MIN RADIUS: 0.383

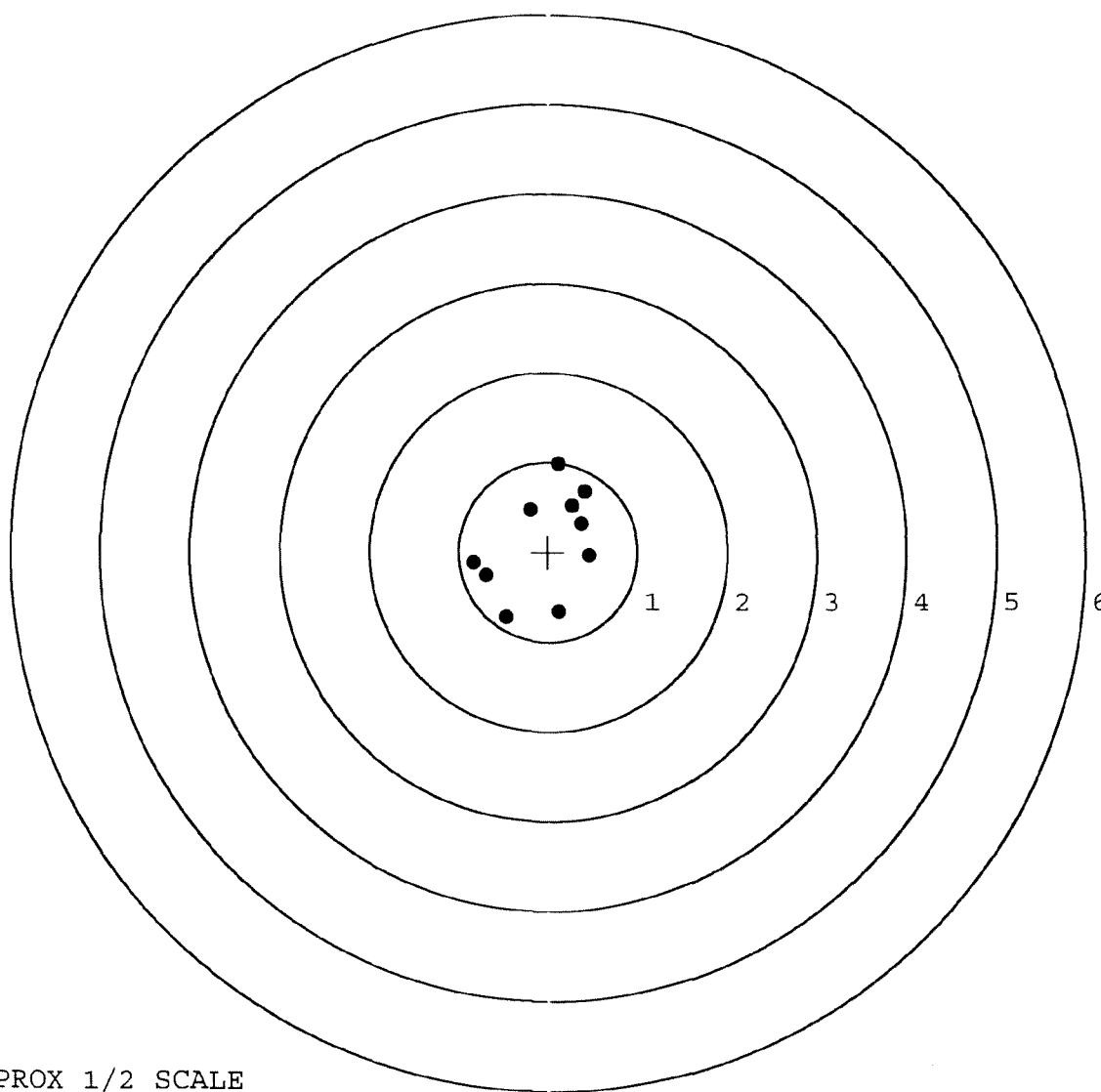
MAX RADIUS: 0.943

MEAN RADIUS: 0.680

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523346. 0

TARGET NUMBER: 3

FILE DATE: 08/05/2008

FILE TIME: 04:42

POINT#	X	Y
1:	-0.864	0.294
2:	-0.688	0.068
3:	-0.166	0.257
4:	0.199	0.265
5:	0.724	0.480
6:	0.323	-0.511
7:	0.425	-0.378
8:	0.362	-0.104
9:	0.024	-0.266
10:	0.211	-0.288

X CENTROID: 0.055

Y CENTROID: -0.018

POA TO CENTROID: 0.058

HORZ SPREAD: 1.588

VERT SPREAD: 0.991

GROUP SPREAD: 1.599

MIN RADIUS: 0.250

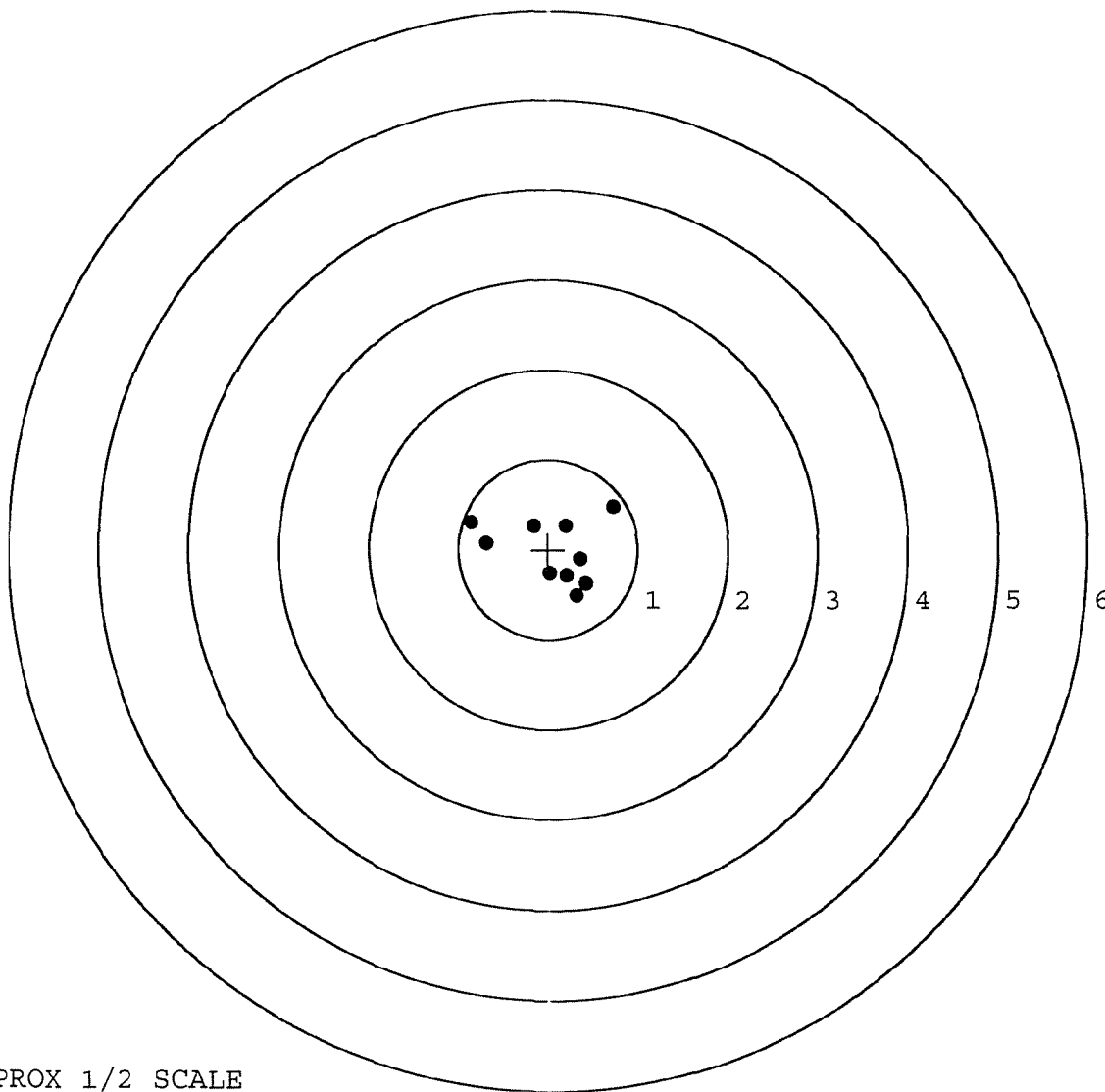
MAX RADIUS: 0.971

MEAN RADIUS: 0.518

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523346.___0

TARGET NUMBER: 4

FILE DATE: 08/05/2008

FILE TIME: 04:42

POINT#	X	Y
1:	-1.282	0.749
2:	-0.835	0.937
3:	-0.458	0.668
4:	0.639	0.952
5:	0.552	-0.192
6:	0.321	-0.107
7:	0.005	-0.495
8:	-0.275	-0.498
9:	-0.152	-1.212
10:	-0.305	-0.960

X CENTROID: -0.179

Y CENTROID: -0.016

POA TO CENTROID: 0.180

HORZ SPREAD: 1.921

VERT SPREAD: 2.164

GROUP SPREAD: 2.263

MIN RADIUS: 0.492

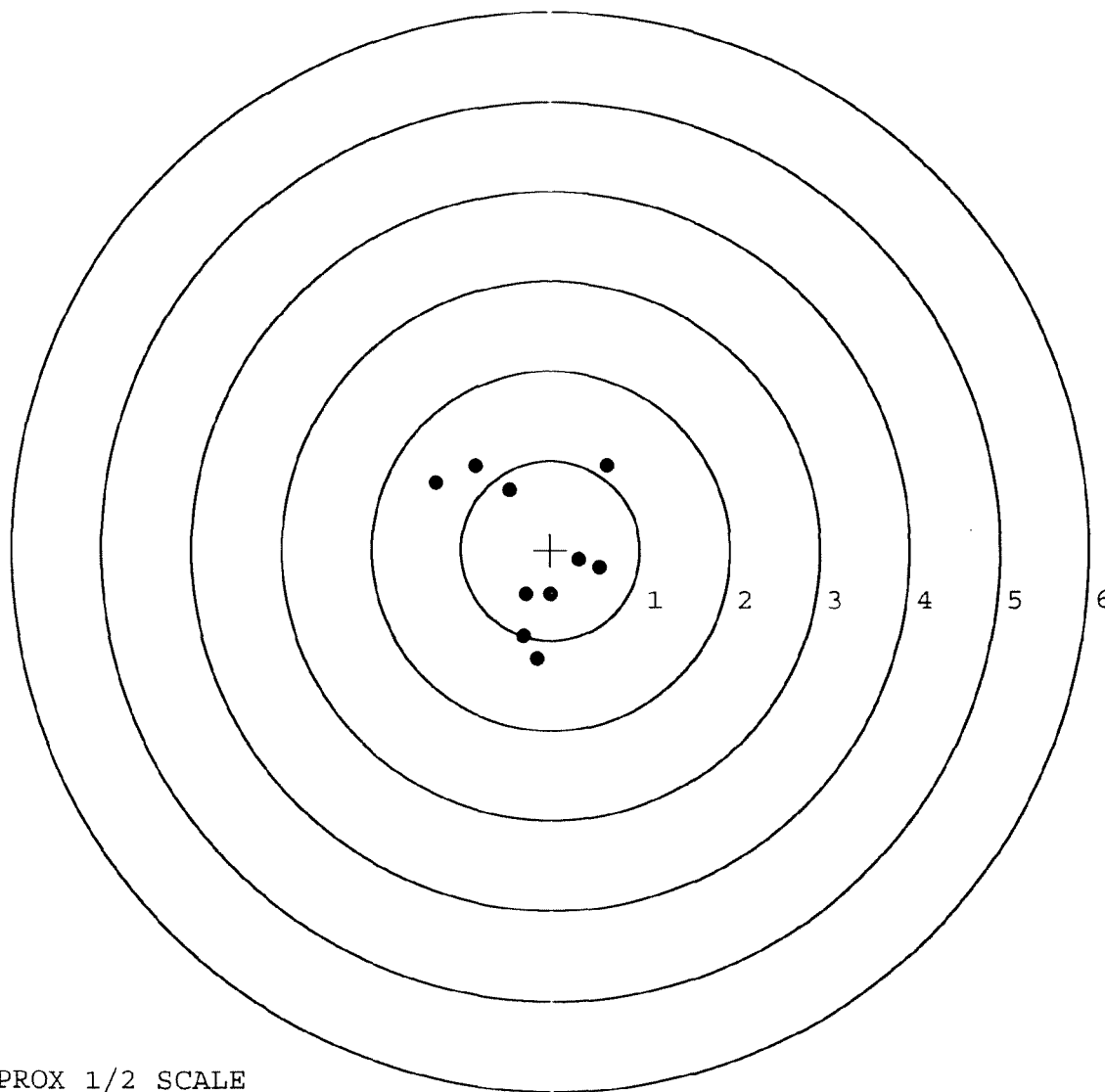
MAX RADIUS: 1.342

MEAN RADIUS: 0.892

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523346. __0

TARGET NUMBER: 5

FILE DATE: 08/05/2008

FILE TIME: 04:42

POINT#	X	Y
1:	-1.121	-0.744
2:	-0.775	-0.261
3:	-0.281	-0.442
4:	0.051	-0.311
5:	-0.214	-0.064
6:	0.965	-0.094
7:	0.472	-0.102
8:	0.545	0.728
9:	0.154	0.715
10:	0.047	1.011

X CENTROID: -0.016

Y CENTROID: 0.044

POA TO CENTROID: 0.046

HORZ SPREAD: 2.086

VERT SPREAD: 1.755

GROUP SPREAD: 2.223

MIN RADIUS: 0.226

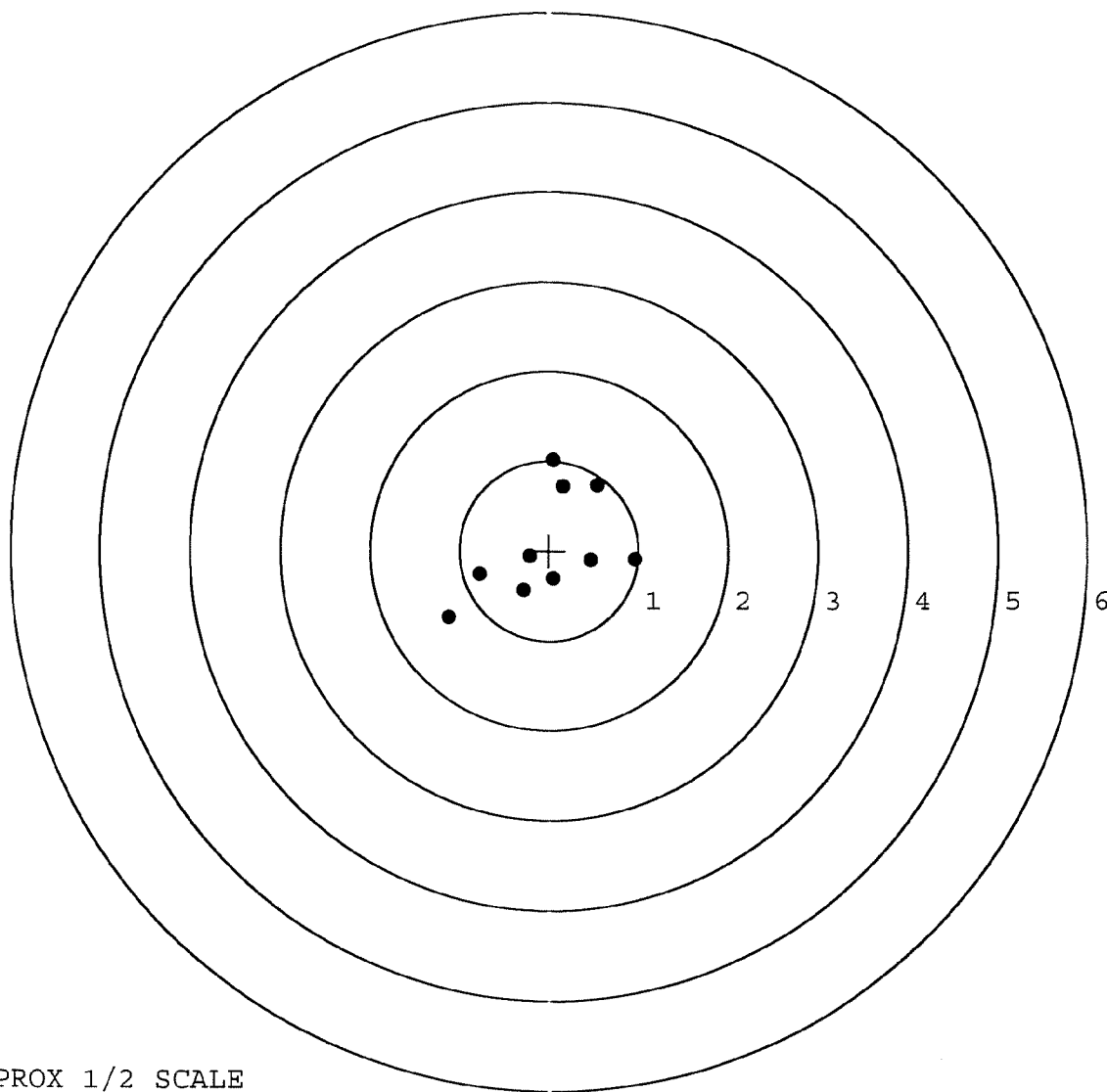
MAX RADIUS: 1.357

MEAN RADIUS: 0.736

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-18392

INITIAL CUSTOMER ORDER NO.

FDC DAAA09-92-C-0834

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

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

06/11/94

06/11/94

C6523346

700 7.62

NATO

ACCESSORIES

SLING STRAP

HARD CASE

SCOPE MNTS

SCOPE BASE

90-0319

FROM:

SHIP TO:

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

AL 36201-5025

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

CUST NO: 098397 C.E.D. L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

FRT

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

BOLT ASSY.

B3

BARREL ASSY.

B4

D1

REC. ASSY.

B5

D2

WOOD

C1

D3

METAL

C2

MAIN FAULT

PARTS

COMMENTS

Trigger Assy

173.71

Scope Rep

119.43

Clean/Insp/Prep

50.06

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

M2400006557

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523346

DATE 9-18-95

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.46	2.42	2.68	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.27	2.40	2.55	
PULL #3	2.52	2.50	2.75	
PULL #4	2.41	2.47	2.79	
PULL #5	2.58	2.40	2.75	
TOTAL	12.28	12.19	13.52	
AVG.	2.44	2.43	2.70	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.11	3.10	
PULL #2	3.04	3.06	
PULL #3	3.00	3.06	
PULL #4	3.06	3.00	
PULL #5	3.06	3.04	
TOTAL	15.27	15.26	
AVG.	3.05	3.05	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.08	4.09	4.00	
PULL #2	4.14	4.06	4.01	
PULL #3	4.10	4.12	4.11	
PULL #4	4.15	4.20	4.08	
PULL #5	4.15	4.01	4.14	
TOTAL	20.62	20.48	20.34	
AVG.	4.12	4.09	4.06	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6573346

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	6	6			11/28	WB
	G) Safety Off Force	3	3	3			11/28	WB
	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	2.35	2.31	2.29	2.32	2.34	11/28	WB
	C) Function							
660	Pack							

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

MODEL 700TM H24

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

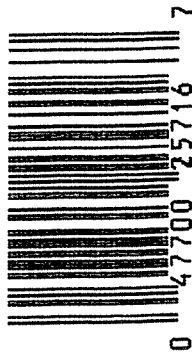
SERIAL NO. C6523346	Ø1
ORDER NO. 5716	

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



5716 C6523346

UPC



M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6523346

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/2/90	KL
600	Proof		10/2/90	KL
607	Check Headspace		10/2/90	KL
610	Dis-assemble Gun		10/2/90	KL
612	Magnaflux Barrel Action		10/5/90	K/R
	Magnaflux Bolt		10/5/90	K/R
615	Rollmark Caliber		10/5/90	LS
617	Drill and Tap Sight Holes		10/8/90	WB
618	Polish Barrel <i>RB</i>		10/9/90	WB
620	Apply Coatings (Barrel Action)		10-20-90	KL
	Apply Coating (Bolt)			KL
625	Final Assembly A) Clean inside of Bolt Assembly		10/21/90	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/21/90	KL
	C) Inspect Ejector Hole for Chamfer		10/21/90	KL
	D) Oil Firing Pin Ass'y		10/21/90	KL
	E) Adjust Trigger Pull to Min Setting and Stake		10/24/90	KL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/4	4 1/4	4 1/4			11/2/90	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			11/2/90	WB
	H) Trigger Pull Test & Retainability						10/28/90	DM
	I) Firing Pin Indent	.0215	.0205	.021			11/2/90	WB
	J) Assemble Stock						11/2/90	KA
	K) Assemble Swivel Studs						11-19-90	DH
	L) Attach Front and Rear Sight Assemblies						11/2/90	KA
	M) Iron Sight Alignment						11/2/90	KA
	N) Detach Front & Rear Sights & place in numbered container						11/2/90	KA
	O) Attach Scope to Rifle						11/2/90	KA
	P) Detach & Attach Scope 20 Times						11/2/90	KA
640	Gallery Target & Test						11-6-90	DH
	A) Time						11-6-90	DH
	B) Malfunctions						11-6-90	DH
	C) Pierced Primers						11-6-90	DH
	D) Optical Clarity of Scope						11-6-90	DH
645	Inspect for Live Ammo						11-6-90	DH
655	Final Inspection						11-19-90	DH
	A) Headspace						11-19-90	DH
	B) Trigger Pull	2.03	2.13	2.14	2.12	2.15	11-19-90	DH
	C) Function						11-19-90	DH
660	Pack						12/14/90	NF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523346
DATE 10/29/90
TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.43	2.46	203	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.33	2.47	2.47	213	
PULL #3	2.40	2.36	2.52	214	
PULL #4	2.37	2.46	2.51	212	
PULL #5	2.48	2.50	2.20	215	
TOTAL	12.02	12.22	12.14		
AVG.	2.404	2.444	2.432		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.47	3.48		
PULL #2	3.46	3.10		
PULL #3	3.49	3.46		
PULL #4	3.39	3.48		
PULL #5	3.40	3.40		
TOTAL	17.21	16.92		
AVG.	3.442	3.384		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.39		4.41
PULL #2	4.27	4.31		4.39
PULL #3	4.27	4.32		4.40
PULL #4	4.40	4.42		4.34
PULL #5	4.37	4.41		4.47
TOTAL	21.61	21.85		22.01
AVG.	4.322	4.37		4.402

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523346
6 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.210794
1 TO	2	.20573
1 TO	3	.276241
1 TO	4	.0447214
1 TO	5	.189932

←----POA

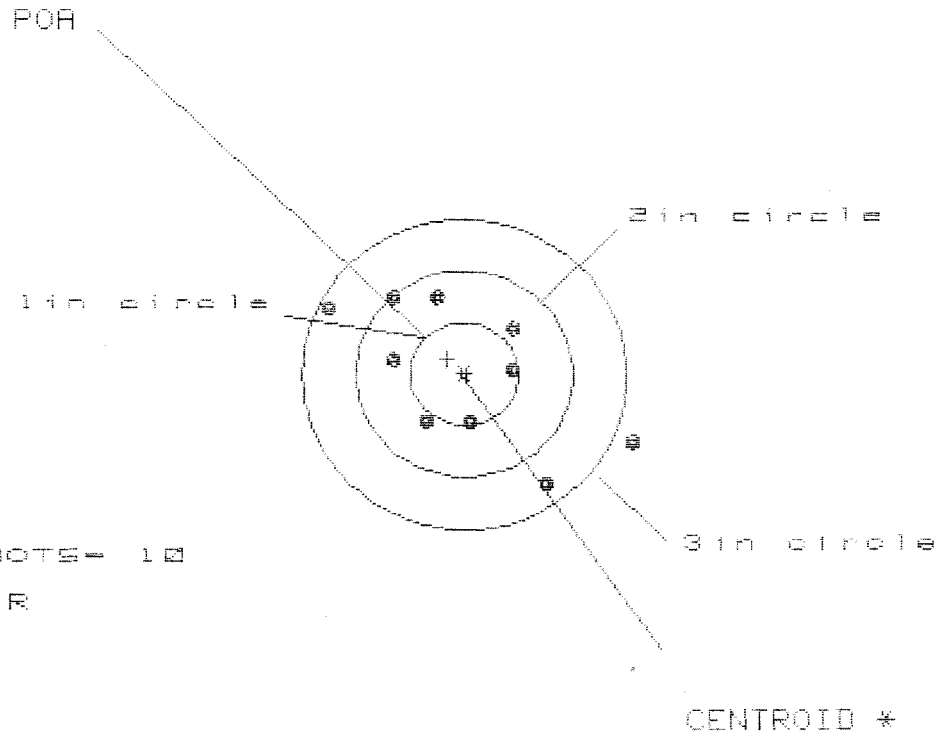
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1834
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0234
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .184887

THE AMR FOR THIS RIFLE IS: .8562

5 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523346

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS = 2.752

VS = 1.772

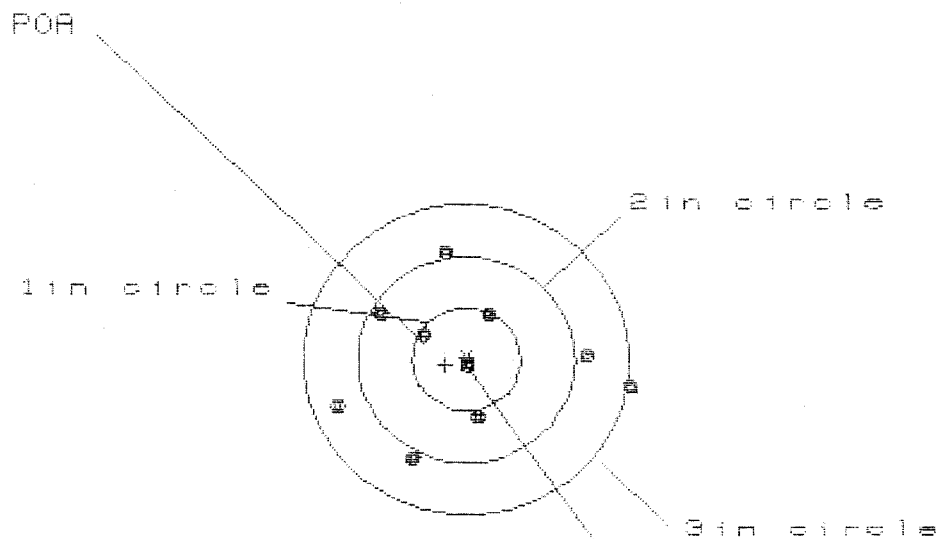
GS = 3.033

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.534	.895	.764
MINIMUM X	-1.218	-1.048	-.634
MAXIMUM Y	.748	.675	.744
MINIMUM Y	-1.024	-1.097	-1.028
CENTROID X	.153	-.017	.114
CENTROID Y	-.145	-.072	-.141
POA TO CENTROID in.	.211	.074	.181
MIN RADIUS	.427	.503	.433
MEAN RADIUS	.881	.781	.722
MAX RADIUS	1.667	1.416	1.281
HORIZONTAL SPREAD	2.752	1.943	1.398
VERTICAL SPREAD	1.772	1.772	1.772
EXTREME SPREAD	3.033	2.546	2.239
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

6 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523346

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 9

HS= 2.588

VS= 2.001

GS= 2.698

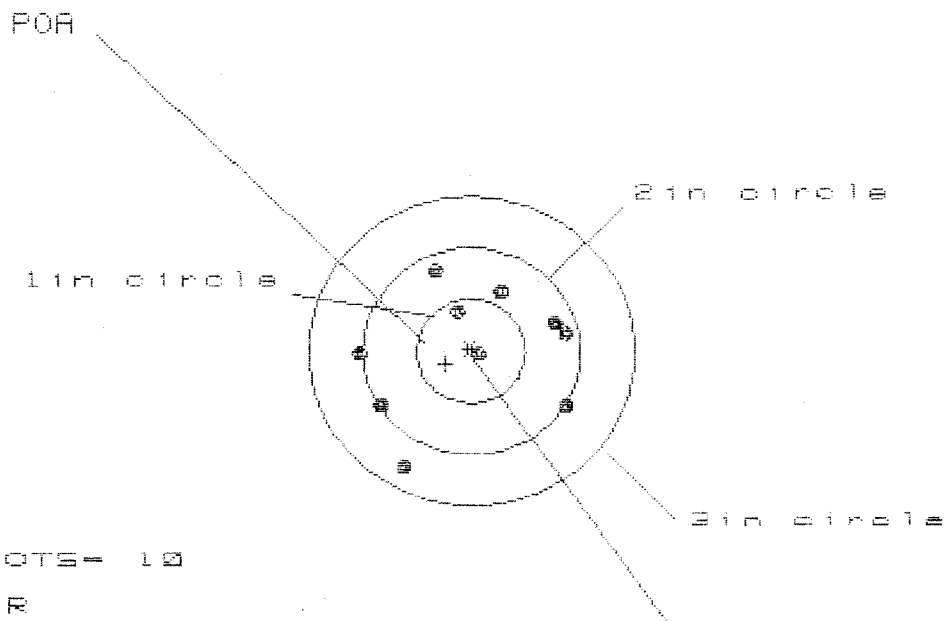
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.535	1.277	1.154
MINIMUM X	:	-1.151	-.980	-.751
MAXIMUM Y	:	1.067	1.043	.980
MINIMUM Y	:	-.934	-.958	-1.022
CENTROID X	:	.192	.021	.144
CENTROID Y	:	.057	.081	.145
POA TO CENTROID in.	:	.200	.084	.204
MIN RADIUS	:	.048	.211	.147
MEAN RADIUS	:	.852	.770	.714
MAX RADIUS	:	1.551	1.277	1.157
HORIZONTAL SPREAD	:	2.686	2.257	1.905
VERTICAL SPREAD	:	2.001	2.001	2.001
EXTREME SPREAD	:	2.698	2.307	2.027
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

6 Nov 1998

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CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 10

HQ = 1.004

VQ = 1.000

GQ = 2.004

CENTROID *

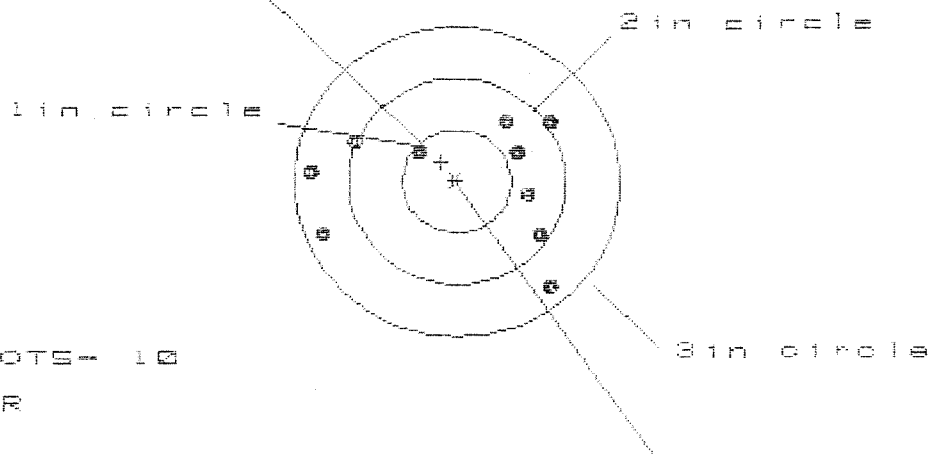
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.915	.847	.704
MINIMUM X	:	-1.079	-1.147	-1.014
MAXIMUM Y	:	.820	.701	.678
MINIMUM Y	:	-1.070	-.652	-.675
CENTROID X	:	.231	.299	.442
CENTROID Y	:	.120	.239	.262
POA TO CENTROID in.	:	.260	.383	.514
MIN RADIUS	:	.119	.174	.219
MEAN RADIUS	:	.806	.736	.667
MAX RADIUS	:	1.233	1.161	1.218
HORIZONTAL SPREAD	:	1.994	1.994	1.718
VERTICAL SPREAD	:	1.890	1.353	1.353
EXTREME SPREAD	:	2.004	2.004	1.844
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 4

POR



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.221

VS= 1.658

GS= 2.459

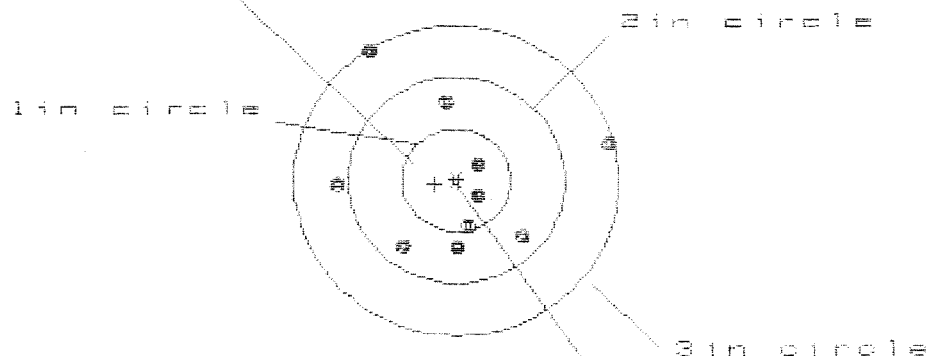
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.840	.686	.508
MINIMUM X	:	-1.381	-1.424	-1.321
MAXIMUM Y	:	.614	.620	.561
MINIMUM Y	:	-1.044	-1.038	-1.097
CENTROID X	:	.145	.299	.477
CENTROID Y	:	-.189	-.195	-.136
POR TO CENTROID in.	:	.238	.357	.496
MIN RADIUS	:	.471	.512	.335
MEAN RADIUS	:	.949	.872	.742
MAX RADIUS	:	1.382	1.500	1.360
HORIZONTAL SPREAD	:	2.221	2.110	1.829
VERTICAL SPREAD	:	1.658	1.658	1.658
EXTREME SPREAD	:	2.459	2.376	2.297
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 5

POA



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS= 2.490

VS= 1.874

GS= 2.531

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.377	1.292	.704
MINIMUM X	-1.113	-1.198	-1.036
MAXIMUM Y	1.234	.884	.949
MINIMUM Y	-.640	-.502	-.438
CENTROID X	.196	.281	.119
CENTROID Y	.040	-.098	-.163
POA TO CENTROID in.	.200	.297	.201
MIN RADIUS	.251	.101	.255
MEAN RADIUS	.793	.677	.593
MAX RADIUS	1.449	1.393	1.044
HORIZONTAL SPREAD	2.490	2.490	1.740
VERTICAL SPREAD	1.874	1.386	1.386
EXTREME SPREAD	2.531	2.531	1.802
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	