

C6225140

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Status: Closed 2/21/2003 7:56:38 AM

Customer:

Received From

Return To:

Received From

COMMANDER

1ST CAY DIVISION

PO BOX

BLDG 49015

PO Box

City: FORT HOOD

FORT HOOD

State: TX

Zip Code: 76544

Country: US

State: TX

Zip Code: 76544

Country: US

FFL:

Problems

Estimate

History / Status

Shipping / Billing

- Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

POOR

Condition
Notes:

CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
X	SCOPE CASE	1
XX	FRT & REAR SGT BA	1

Repair Search

Refresh

Close

nagletj

2/21/2003

8:07 AM

CAPS

NUM

INS

SCFL

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225140.___0
FILE DATE AND TIME: 03/11/2003 11:35

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.088
The Average Y Centroid of the Five Target Set:	0.031
The Average Point of Impact of the Five Target Set:	0.093
The Average Mean Radius of the Five Target Set:	0.760
The Distance from POA to Centroid Target #1:	0.239
The Distance from Centroid Target #2 to Centroid Target #1:	0.051
The Distance from Centroid Target #3 to Centroid Target #1:	0.234
The Distance from Centroid Target #4 to Centroid Target #1:	0.484
The Distance from Centroid Target #5 to Centroid Target #1:	0.282

SERIAL NUMBER: C6225140. 0

TARGET NUMBER: 1

FILE DATE: 03/11/2003

FILE TIME: 11:35

X CENTROID: 0.160

Y CENTROID: 0.178

POA TO CENTROID: 0.239

HORZ SPREAD: 2.052

VERT SPREAD: 1.841

GROUP SPREAD: 2.602

MIN RADIUS: 0.194

MAX RADIUS: 1.394

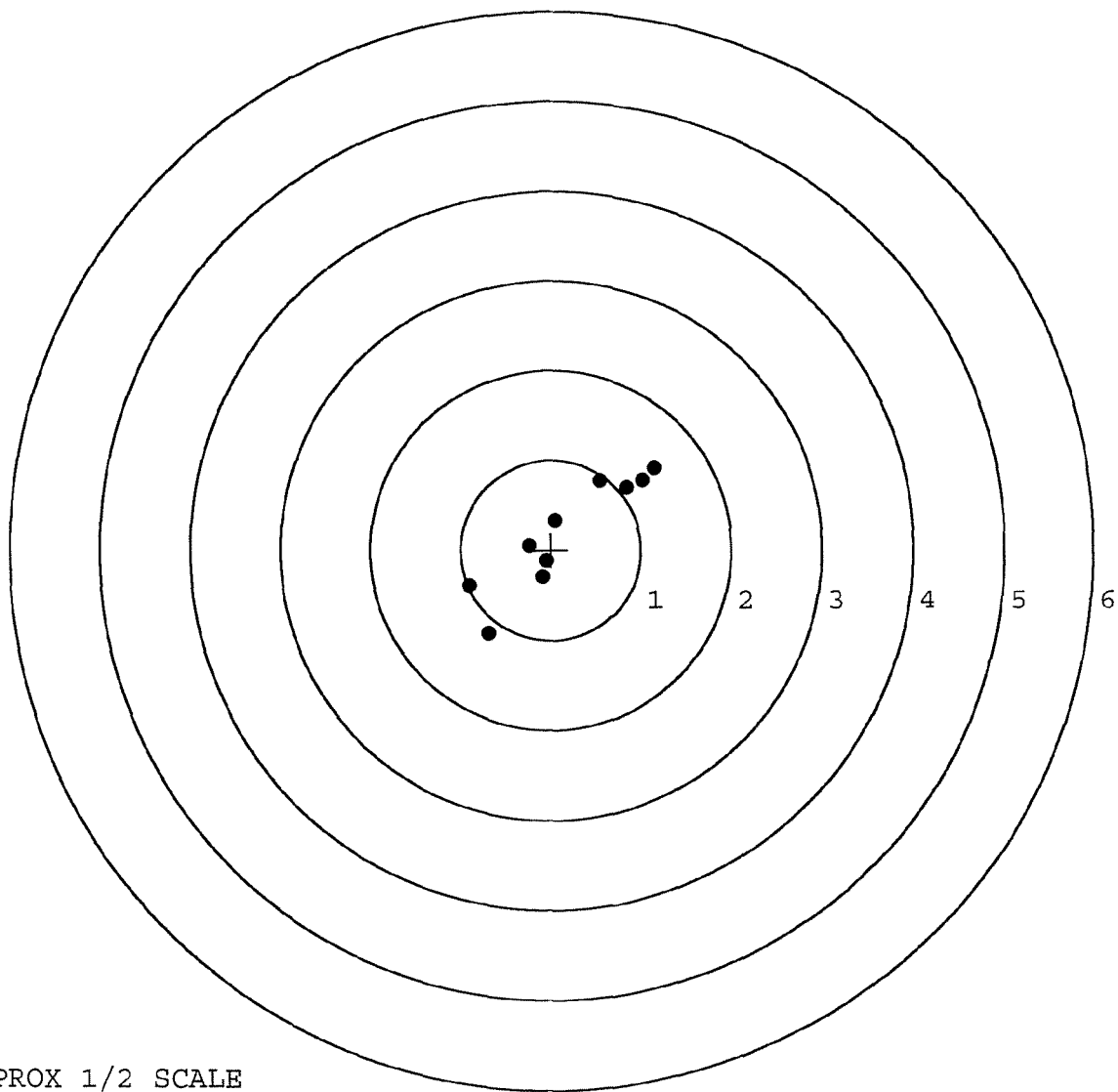
MEAN RADIUS: 0.798

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.689	-0.928
2:	-0.902	-0.404
3:	-0.098	-0.306
4:	-0.056	-0.124
5:	-0.246	0.051
6:	0.043	0.333
7:	0.543	0.768
8:	0.838	0.697
9:	1.015	0.776
10:	1.150	0.913



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225140. 0

TARGET NUMBER: 2

FILE DATE: 03/11/2003

FILE TIME: 11:35

X CENTROID: 0.165

Y CENTROID: 0.127

POA TO CENTROID: 0.209

HORZ SPREAD: 1.763

VERT SPREAD: 2.522

GROUP SPREAD: 2.699

MIN RADIUS: 0.339

MAX RADIUS: 1.414

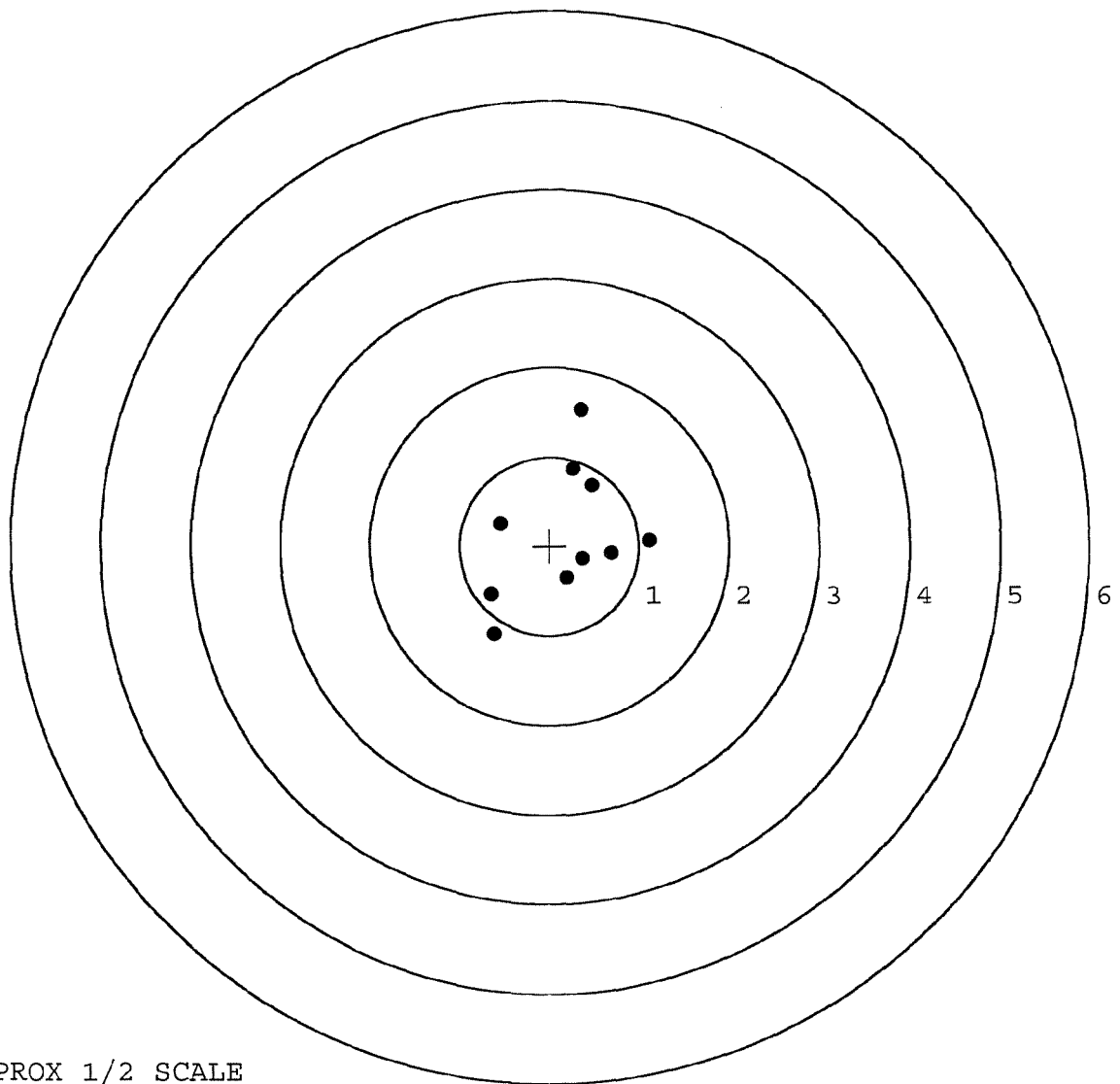
MEAN RADIUS: 0.829

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.615	-0.992
2:	-0.649	-0.546
3:	-0.547	0.250
4:	0.480	0.686
5:	0.265	0.867
6:	0.347	1.530
7:	1.114	0.063
8:	0.688	-0.085
9:	0.373	-0.141
10:	0.197	-0.358



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225140. 0

TARGET NUMBER: 3

FILE DATE: 03/11/2003

FILE TIME: 11:35

X CENTROID: -0.069

Y CENTROID: 0.222

POA TO CENTROID: 0.232

HORZ SPREAD: 2.048

VERT SPREAD: 2.138

GROUP SPREAD: 2.138

MIN RADIUS: 0.228

MAX RADIUS: 1.331

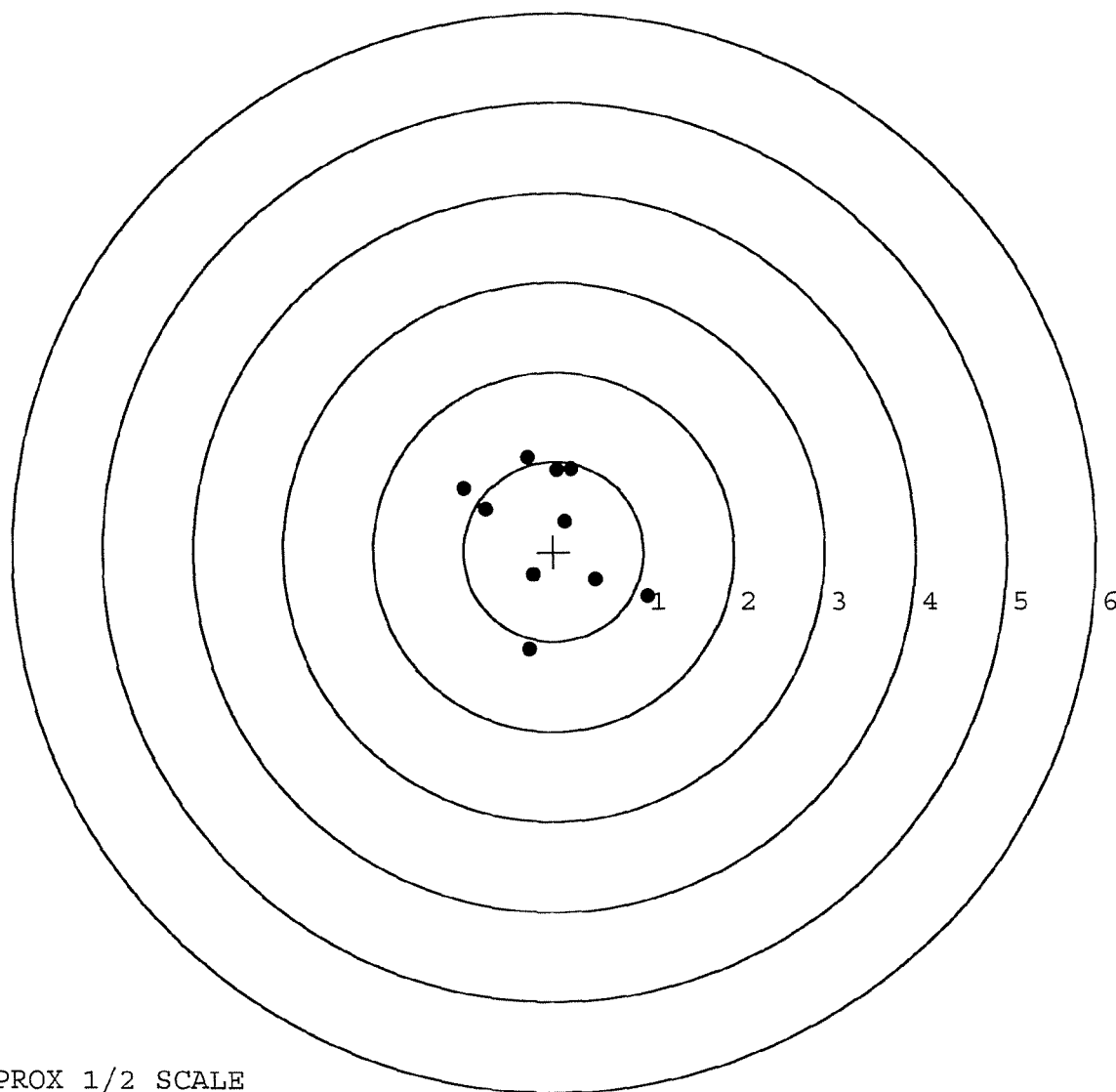
MEAN RADIUS: 0.822

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.048	-0.495
2:	0.464	-0.311
3:	-0.268	-1.094
4:	-0.229	-0.266
5:	0.126	0.339
6:	0.189	0.915
7:	0.027	0.909
8:	-0.294	1.044
9:	-0.758	0.473
10:	-1.000	0.703



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225140. __0

TARGET NUMBER: 4

FILE DATE: 03/11/2003

FILE TIME: 11:35

POINT#	X	Y
1:	1.147	-1.216
2:	0.644	-1.036
3:	0.697	-0.444
4:	-0.052	-0.261
5:	-0.081	-0.440
6:	-0.483	-0.818
7:	-0.370	-1.115
8:	-0.383	0.286
9:	0.173	0.658
10:	0.389	1.319

X CENTROID: 0.168

Y CENTROID: -0.307

POA TO CENTROID: 0.350

HORZ SPREAD: 1.630

VERT SPREAD: 2.535

GROUP SPREAD: 2.646

MIN RADIUS: 0.225

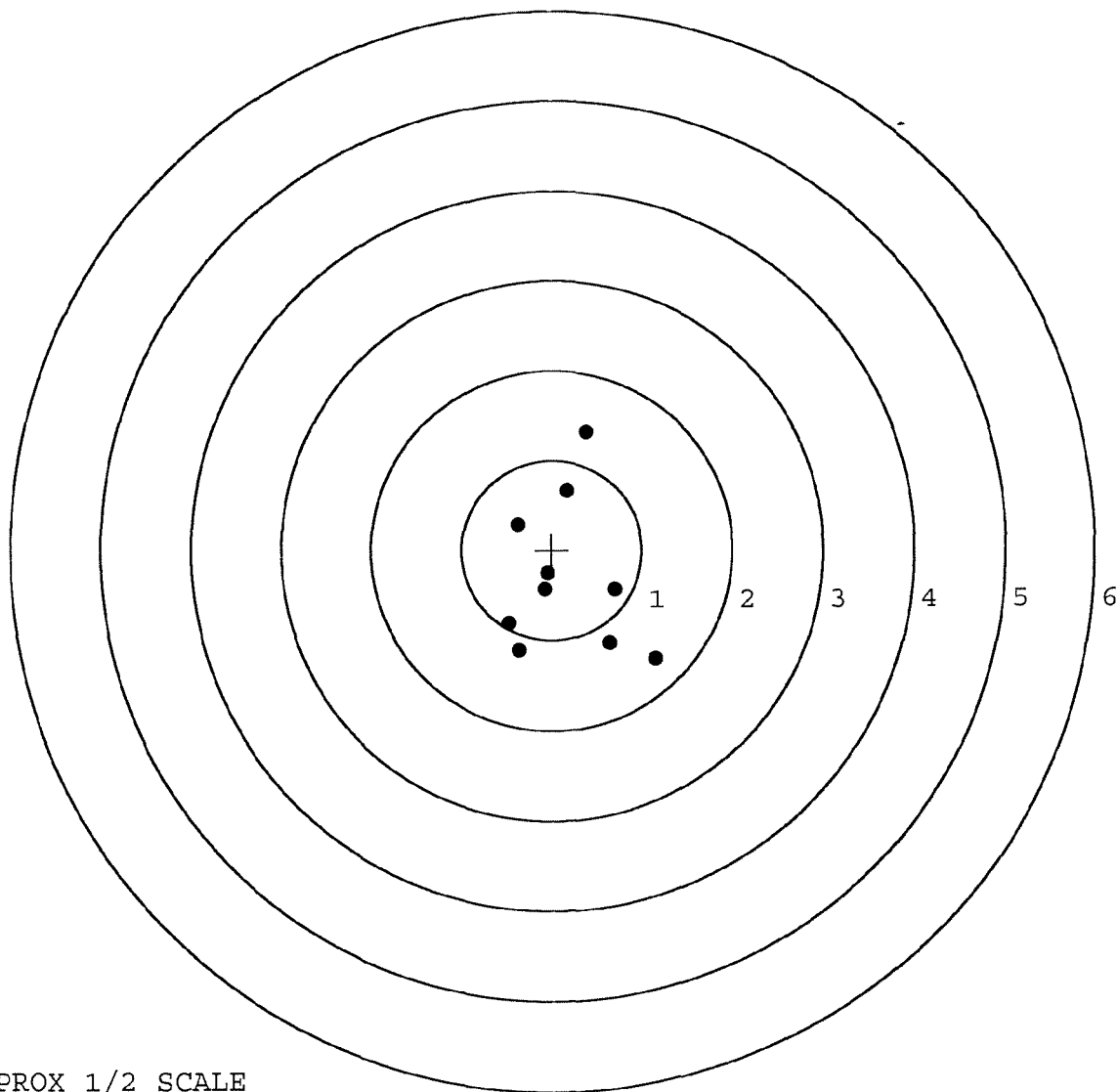
MAX RADIUS: 1.641

MEAN RADIUS: 0.847

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225140.___0

TARGET NUMBER: 5

FILE DATE: 03/11/2003

FILE TIME: 11:35

X CENTROID: 0.016

Y CENTROID: -0.065

POA TO CENTROID: 0.066

HORZ SPREAD: 0.973

VERT SPREAD: 2.086

GROUP SPREAD: 2.089

MIN RADIUS: 0.071

MAX RADIUS: 1.081

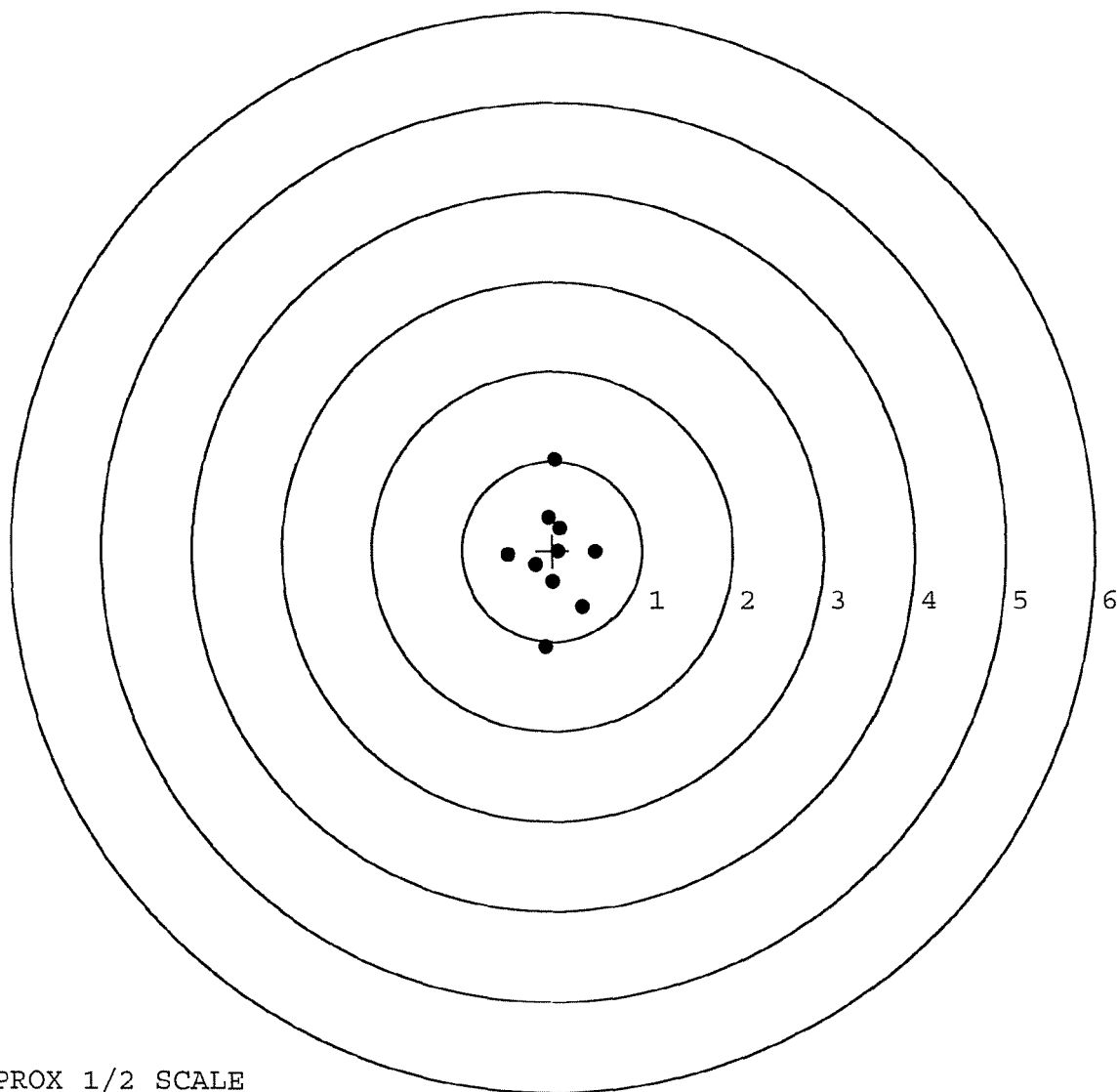
MEAN RADIUS: 0.505

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.065	-0.013
2:	0.336	-0.620
3:	-0.083	-1.070
4:	0.476	-0.016
5:	0.080	0.249
6:	-0.051	0.373
7:	0.026	1.016
8:	-0.005	-0.345
9:	-0.497	-0.053
10:	-0.187	-0.166



TARGET APPROX 1/2 SCALE

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

SERIAL # C6225140

INSPECTED BY: RTL

DATE REC'D: 2-21-03

DATE RET'D: 3-10-03

ITEM

BARREL ASSEMBLY

☒ BARREL
☒ RECEIVER
☒ FRONT SIGHT BASE
☒ REAR SIGHT BASE
☒ SCREWS
☒ FINISH

SCOPE ASSEMBLY

☒ SCOPE
☒ SCOPE RINGS
☒ MOUNTING SCREWS
☒ MOUNTING BASE
☒ SCREWS
☒ FINISH
☒ CLARITY

ITEM

STOCK ASSEMBLY

☒ STOCK
☒ SLING AWIVEL STUDS
☒ ADJUSTABLE
☒ BUTT PLATE
☒ LOCK NUTS
☒ BARREL CLEARANCE
☒ COLOR / FINISH

SYSTEMS CASE

☒ SCOPE CASE
☒ IRON SIGHTS
☒ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

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

R & E NUMBER	62012		
SERIAL NUMBER	C6225148		
LOG-IN DATE	2/21/03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2/24/03	RTL
560 A	RE-BARREL	2/24/03	RTL
B	DRILL AND TAP	2-24-03	TRW
575	ASSEMBLE	2/24/03	RTL
600	PROOF	2-24-03	TRW
605	CHECK HEADSPACE	2-24-03	RTL
610	DIS-ASSEMBLE GUN	2-24-03	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	2-24-03	RTL
618	ROTO-BLAST	2-24-03	TRW
620	APPLY COATINGS	3-3	TA
625 A	FINAL ASSEMBLY	3-7-03	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-10-03	TRW
655	FINAL INSPECT	3-10-03	RTL
660	PACK	3-11-03	TA
		SHIP DATE	
QAR INSPECTION DATE			

Remington[®]



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

MODEL 700TM H24

SERIAL NO.
C6225140

ORDER NO.
5716

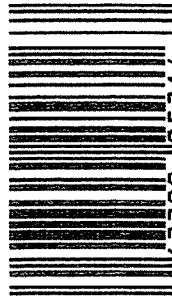
01

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



5716 C6225140

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225140

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 12	89	RW
600	Proof	4 12	89	RW
607	Check Headspace	4 12	89	RW
610	Dis-assemble Gun	4 12	89	RW
612	Magnaflux Barrel Action		4/13/89	KCR
	Magnaflux Bolt		4/14/89	KCR
615	Rollmark Caliber		4/15/89	Q.S.
617	Drill and Tap Sight Holes	4 14	89	L.B.
618	Polish Barrel RB	4 14	89	BT
620	Apply Coatings (Barrel Action)		4/19/89	TS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/4/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/4/89	RW
	C) Inspect Ejector Hole for Chamfer		5/4/89	RW
	D) Oil Firing Pin Ass'y		5/4/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/4/89	WB

op. #	OP. NAME	READINGS				DATE	INIT
625 cont.	F) Safety On Force	7	7	7		5/8/89	RU
	G) Safety Off Force	4	4	3		5/1/89	RU
	H) Trigger Pull Test & Retainability					3/9/89	W3
	I) Firing Pin Indent	.020	.020	.020		5/9/89	RU
	J) Assemble Stock					5/10/89	RW
	K) Assemble Swivel Studs					15 May 89	LS
	L) Attach Front and Rear Sight Assemblies					5/10/89	RW
	M) Iron Sight Alignment					5/10/89	RW
	N) Detach Front & Rear Sights & place in numbered container					5/10/89	RW
	O) Attach Scope to Rifle					5/10/89	RU
	P) Detach & Attach Scope 20 Times					5/10/89	RU
640	Gallery Target & Test	81R	72L			5-11-89	A
	A) Time					11	A
	B) Malfunctions					11	A
	C) Pierced Primers					11	A
	D) Optical Clarity of Scope					11	A
645	Inspect for Live Ammo					5-11-89	A
655	Final Inspection						
	A) Headspace					15 May 89	LS
	B) Trigger Pull	2.62	2.80	2.63	2.69	2.72	15 May 89
	C) Function					15 May 89	LS
660	Pack					21 June 89	LS

SWS TRIGGER PULL TEST

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

5140
SERIAL NO. C6348934
DATE 27 Oct 89
TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.55	2.59	2.81	2.77	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.56	2.54	2.53	2.75	
PULL #3	2.38	2.58	2.82	2.81	
PULL #4	2.43	2.47	2.59	2.75	
PULL #5	2.40	2.50	2.71	2.72	
TOTAL	1232	1268	1376	1380	
AVG.	2.464	2.536	2.692	2.76	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.11	3.04		
PULL #2	3.28	3.26		
PULL #3	3.20	3.23		
PULL #4	3.24	3.32		
PULL #5	3.12	3.35		
TOTAL	1595	1620		
AVG.	3.19	3.24		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.33	4.45		4.39
PULL #2	4.19	4.30		4.46
PULL #3	4.16	4.36		4.25
PULL #4	4.14	4.13		3.89
PULL #5	4.15	4.33		4.39
TOTAL	2097	2157		2138
AVG.	4.194	4.314		4.276

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225140
15 May 1989

CENTROIDAL DISTANCES

0 TO	1	.657062
1 TO	2	.713808
1 TO	3	.71458
1 TO	4	.354831
1 TO	5	.992271

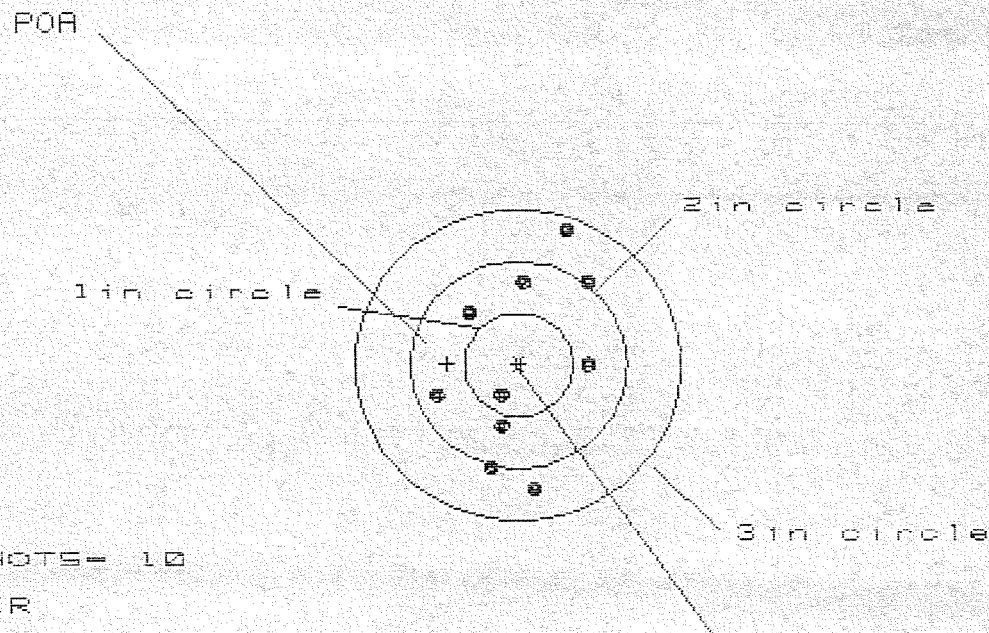
+41 <----POA
52

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2614
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.3952
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .473828
THE AMR FOR THIS RIFLE IS: .8786

11 May 1985

FILE:/PATTERNING/CENTERFIRE_PATT/C6225140

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 10

HS= 1.437

VS= 2.490

GS= 2.500

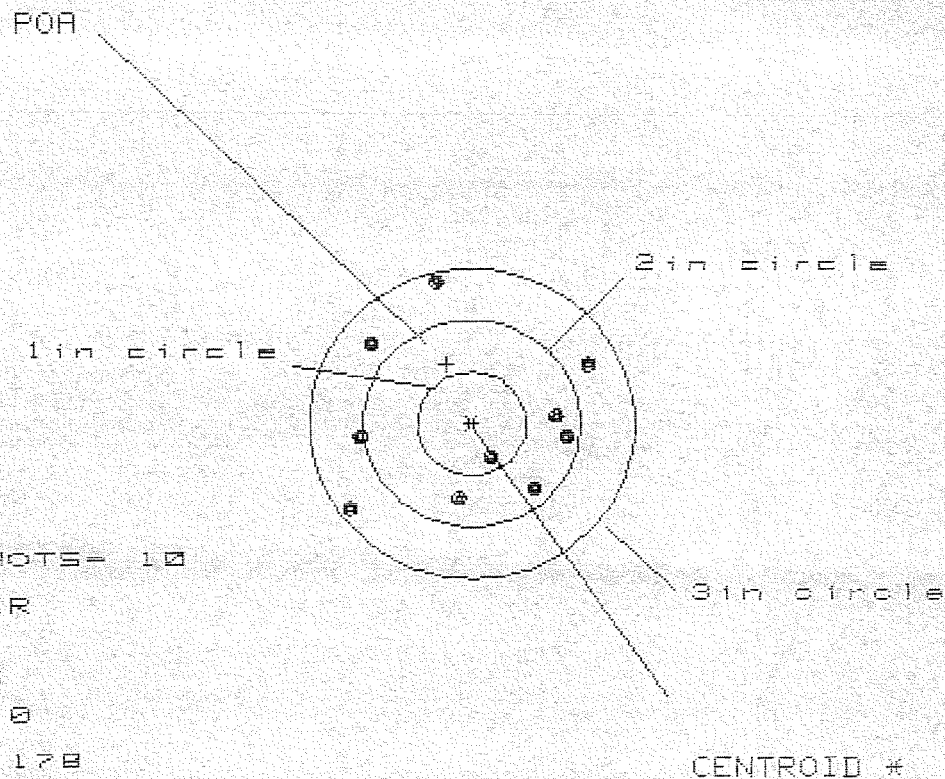
CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.650	.698	.720
MINIMUM X	:	-.787	-.739	-.717
MAXIMUM Y	:	1.288	.936	.803
MINIMUM Y	:	-1.202	-1.059	-1.006
CENTROID X	:	.657	.609	.587
CENTROID Y	:	-.009	-.152	-.019
POA TO CENTROID in.	:	.657	.628	.587
MIN RADIUS	:	.303	.162	.262
MEAN RADIUS	:	.848	.766	.731
MAX RADIUS	:	1.357	1.148	1.058
HORIZONTAL SPREAD	:	1.437	1.437	1.437
VERTICAL SPREAD	:	2.490	1.995	1.809
EXTREME SPREAD	:	2.508	2.053	1.999
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

11 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225140

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 10

HS= 2.178

VS= 2.195

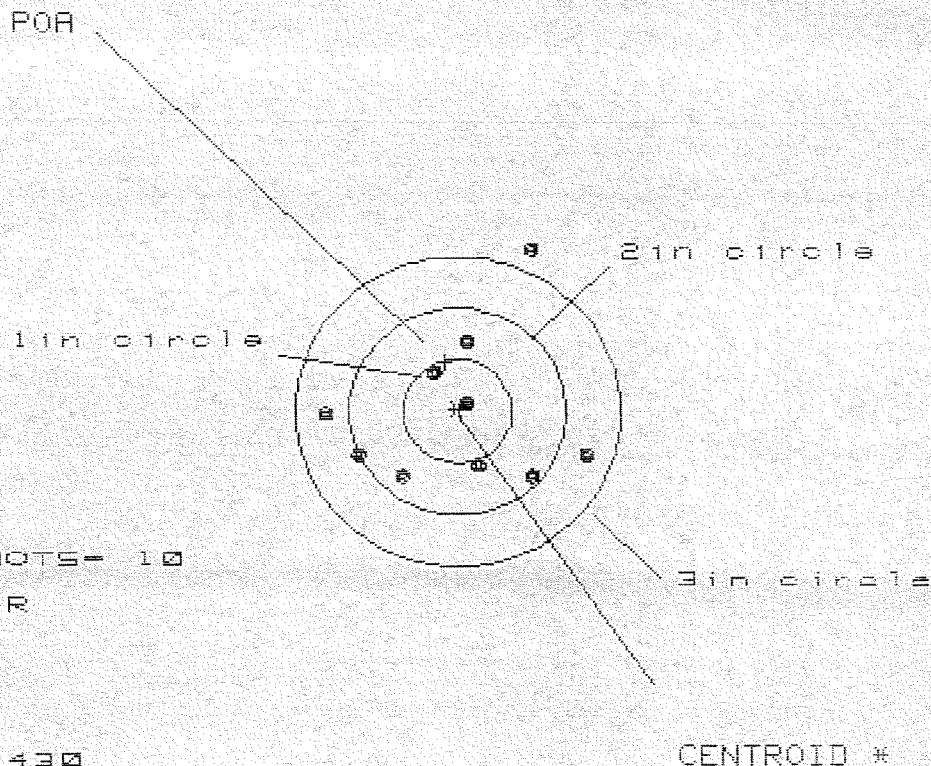
GS= 2.602

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.052	.926	.869
MINIMUM X	:	-1.126	-1.102	-1.159
MAXIMUM Y	:	1.347	1.252	.809
MINIMUM Y	:	-.848	-.839	-.682
CENTROID X	:	.226	.352	.409
CENTROID Y	:	-.578	-.483	-.640
POA TO CENTROID in.	:	.620	.598	.759
MIN RADIUS	:	.380	.420	.257
MEAN RADIUS	:	.979	.919	.822
MAX RADIUS	:	1.410	1.333	1.371
HORIZONTAL SPREAD	:	2.178	2.028	2.028
VERTICAL SPREAD	:	2.195	2.091	1.491
EXTREME SPREAD	:	2.602	2.151	2.145
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	10		

11 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225140

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 2.430

VS= 2.185

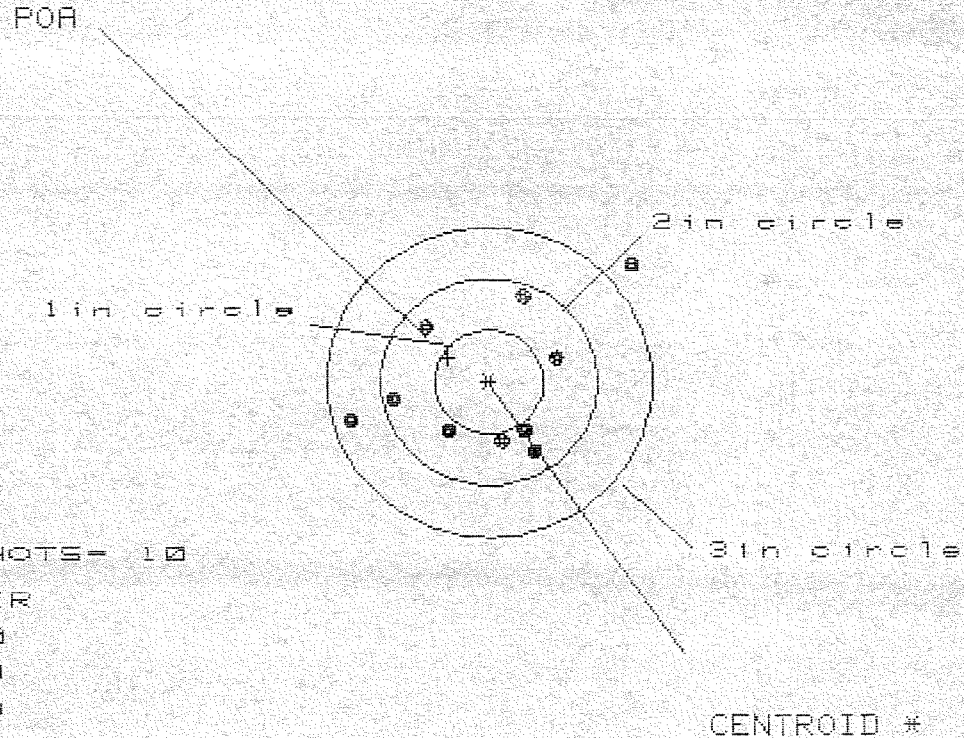
GS= 2.526

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.190	1.260	.899
MINIMUM X	:	-1.240	-1.170	-1.012
MAXIMUM Y	:	1.563	.840	.904
MINIMUM Y	:	-.622	-.448	-.484
CENTROID X	:	.117	.047	-.111
CENTROID Y	:	-.477	-.651	-.615
POA TO CENTROID in.	:	.491	.653	.625
MIN RADIUS	:	.073	.247	.339
MEAN RADIUS	:	.865	.771	.703
MAX RADIUS	:	1.687	1.293	1.021
HORIZONTAL SPREAD	:	2.430	2.430	1.911
VERTICAL SPREAD	:	2.185	1.288	1.288
EXTREME SPREAD	:	2.526	2.470	2.004
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

11 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225140

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 8

3 in = 9

HS= 2.569

VS= 1.831

GS= 3.003

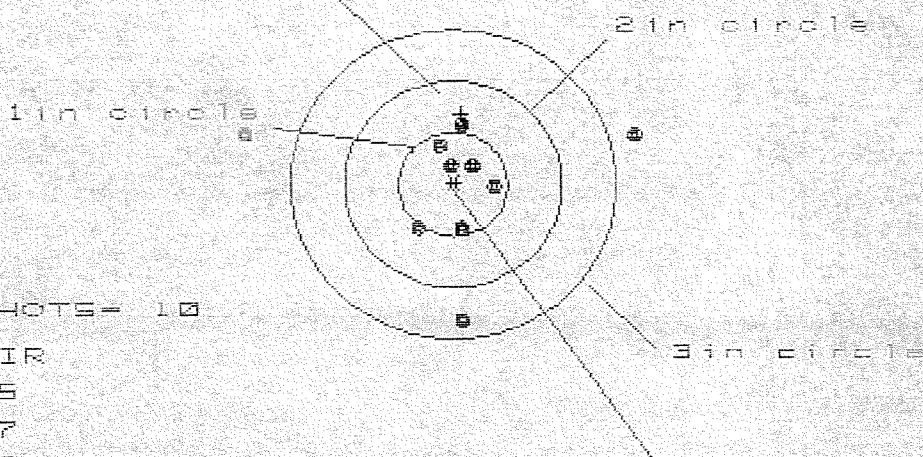
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.326	.765	.628
MINIMUM X	:	-1.243	-1.096	-.883
MAXIMUM Y	:	1.142	.911	.875
MINIMUM Y	:	-.689	-.562	-.598
CENTROID X	:	.381	.234	.371
CENTROID Y	:	-.232	-.359	-.323
POA TO CENTROID in.	:	.446	.428	.492
MIN RADIUS	:	.542	.414	.476
MEAN RADIUS	:	.887	.767	.712
MAX RADIUS	:	1.750	1.133	.927
HORIZONTAL SPREAD	:	2.569	1.861	1.511
VERTICAL SPREAD	:	1.831	1.473	1.473
EXTREME SPREAD	:	3.003	1.981	1.602
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

11 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CG225140

CENTERFIRE PATTERNS # 5

POA



OF SHOTS= 10

IN CIR

1in = 5

2in = 7

3in = 8

HS= 3.641

VS= 1.951

GS= 3.641

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.682	1.465	.310
MINIMUM X	-1.959	-.544	-.361
MAXIMUM Y	.591	.644	.705
MINIMUM Y	-1.360	-1.307	-1.246
CENTROID X	-.074	.143	-.040
CENTROID Y	-.680	-.733	-.794
POA TO CENTROID in.	.684	.747	.795
MIN RADIUS	.177	.144	.274
MEAN RADIUS	.774	.636	.512
MAX RADIUS	2.015	1.544	1.247
HORIZONTAL SPREAD	3.641	2.009	.671
VERTICAL SPREAD	1.951	1.951	1.951
EXTREME SPREAD	3.641	2.397	1.951
NUMBER IN ONE INCH CIRCLE	= 5		
NUMBER IN TWO INCH CIRCLE	= 7		
NUMBER IN THREE INCH CIRCLE	= 8		