

C6523462

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: **RE00102291** Serial: C6523462 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 10/14/2005 7:42:53 AM

Verify Repair: **[REDACTED]**

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **HHC 2 128TH IN BN** **HHC 2 128TH IN BN**

Address 1: **2490 25TH STREET** **2490 25TH STREET**

Address 2: **CAMP SHELBY** **CAMP SHELBY**

City: **MS** **MS** Zip Code: **39407** **39407** Country: **US** **US**

State: **MS** Zip Code: **39407** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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

Contact Information

Phone: **NA**

Fax:

Email:

Comments:

Received Condition

Condition: **Fair**

Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A006	Sling Strap	1
A007	With Stud	3
A010	Hard Case	1
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

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

maglet 10/14/2005 7:59 AM CAPS NUM INS SCPL

start 3 4 2

Serial Number: **C6523462**

Model: **M24 SWS**

RE00102291

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523462.___0

FILE DATE AND TIME: 10/24/2005 09:59

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.051
The Average Y Centroid of the Five Target Set:	-0.062
The Average Point of Impact of the Five Target Set:	0.080
The Average Mean Radius of the Five Target Set:	0.557
The Distance from POA to Centroid Target #1:	0.144
The Distance from Centroid Target #2 to Centroid Target #1:	0.089
The Distance from Centroid Target #3 to Centroid Target #1:	0.092
The Distance from Centroid Target #4 to Centroid Target #1:	0.103
The Distance from Centroid Target #5 to Centroid Target #1:	0.075

BARBER - M24 0028530

SERIAL NUMBER: C6523462. 0

TARGET NUMBER: 1

FILE DATE: 10/24/2005

FILE TIME: 09:59

POINT#	X	Y
1:	1.175	-0.402
2:	1.461	0.042
3:	0.186	1.246
4:	-0.373	-0.849
5:	-0.085	0.267
6:	-0.383	-0.018
7:	0.001	-0.337
8:	-0.316	-0.480
9:	-0.354	-0.215
10:	-0.215	-0.183

X CENTROID: 0.110

Y CENTROID: -0.093

POA TO CENTROID: 0.144

HORZ SPREAD: 1.844

VERT SPREAD: 2.095

GROUP SPREAD: 2.039

MIN RADIUS: 0.267

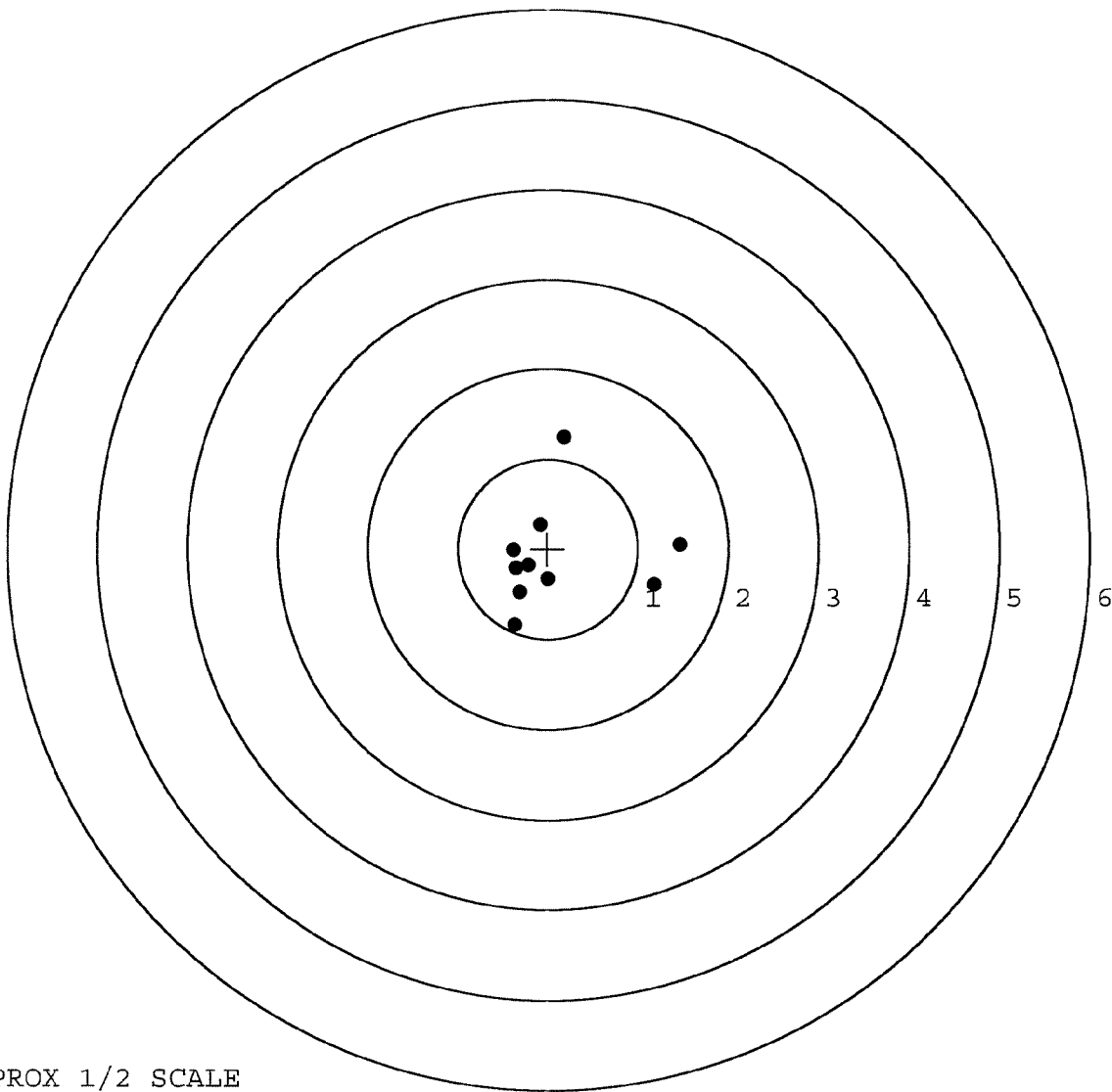
MAX RADIUS: 1.358

MEAN RADIUS: 0.727

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



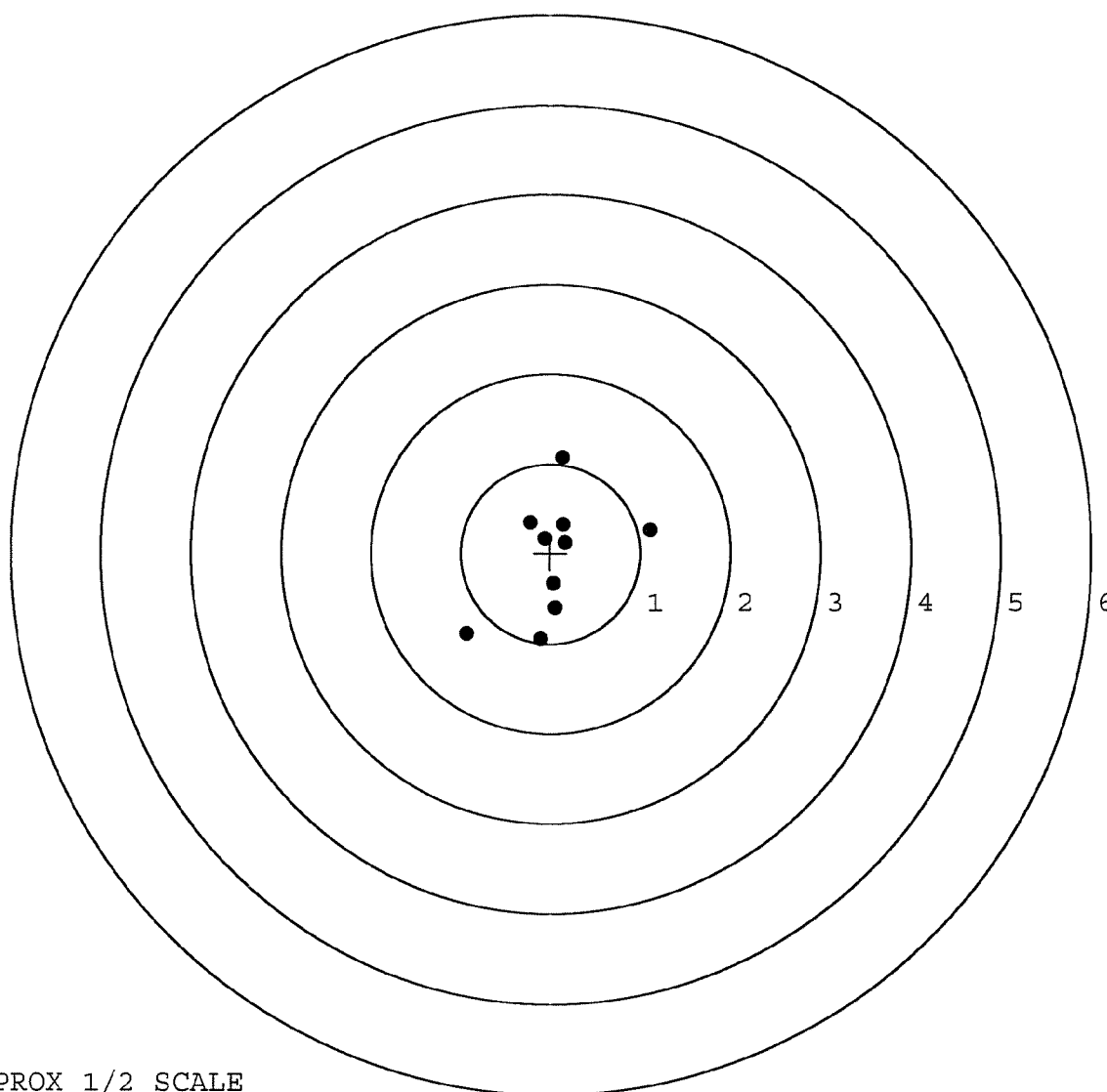
TARGET APPROX 1/2 SCALE

BARBER - M24 0028531

SERIAL NUMBER: C6523462. __0
 TARGET NUMBER: 2
 FILE DATE: 10/24/2005
 FILE TIME: 09:59

POINT#	X	Y
1:	1.107	0.256
2:	-0.940	-0.898
3:	-0.110	-0.959
4:	0.057	-0.611
5:	0.035	-0.340
6:	0.136	1.073
7:	0.143	0.323
8:	0.166	0.118
9:	-0.225	0.341
10:	-0.065	0.162

X CENTROID: 0.030
 Y CENTROID: -0.053
 POA TO CENTROID: 0.062
 HORZ SPREAD: 2.047
 VERT SPREAD: 2.032
 GROUP SPREAD: 2.350
 MIN RADIUS: 0.219
 MAX RADIUS: 1.286
 MEAN RADIUS: 0.662
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



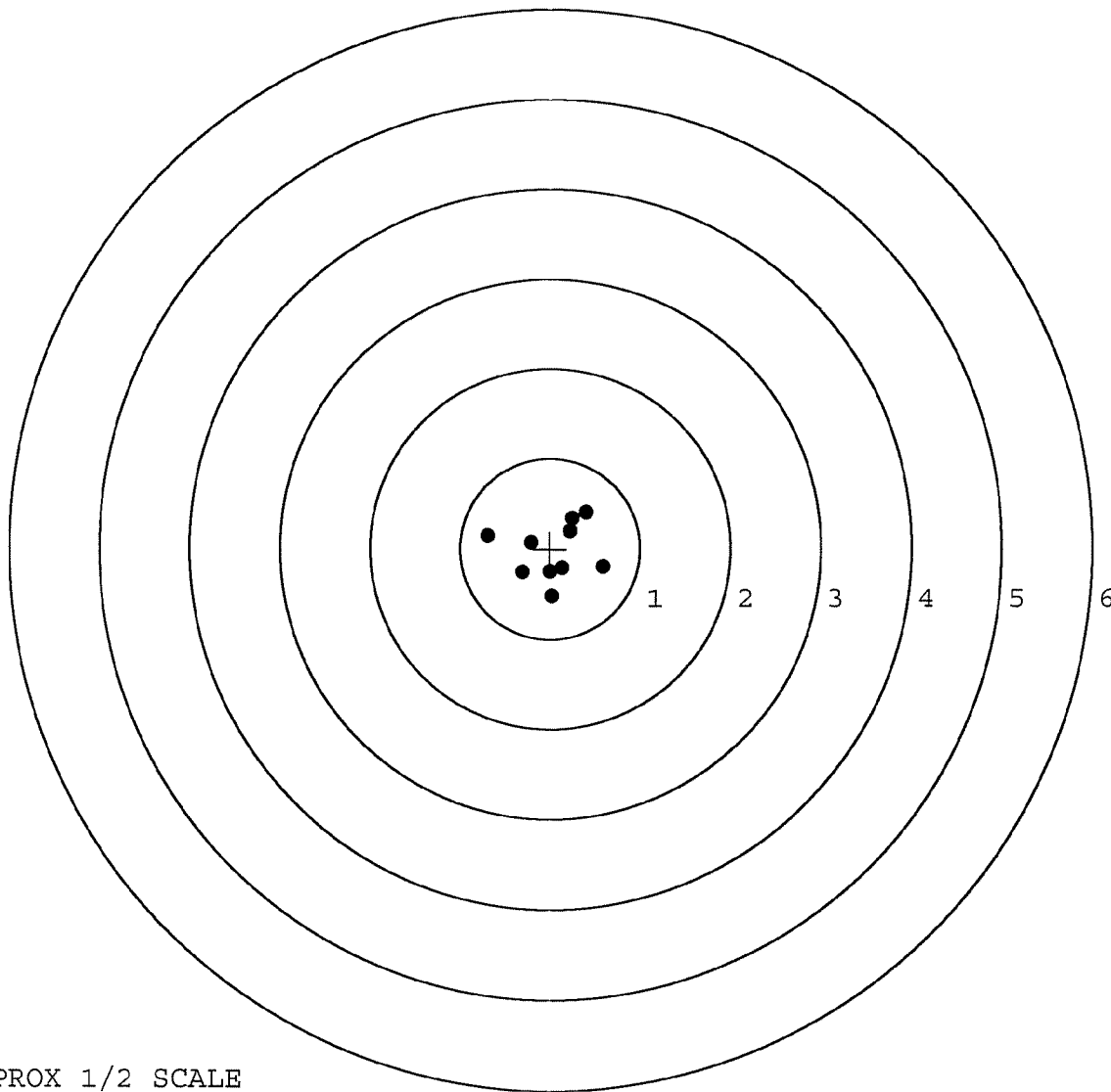
TARGET APPROX 1/2 SCALE

BARBER - M24 0028532

SERIAL NUMBER: C6523462. __0
 TARGET NUMBER: 3
 FILE DATE: 10/24/2005
 FILE TIME: 09:59

POINT#	X	Y
1:	0.402	0.406
2:	0.252	0.335
3:	0.224	0.199
4:	0.589	-0.201
5:	0.136	-0.215
6:	0.022	-0.527
7:	-0.307	-0.266
8:	-0.207	0.067
9:	-0.700	0.146
10:	-0.002	-0.259

X CENTROID: 0.041
 Y CENTROID: -0.031
 POA TO CENTROID: 0.052
 HORZ SPREAD: 1.289
 VERT SPREAD: 0.933
 GROUP SPREAD: 1.335
 MIN RADIUS: 0.207
 MAX RADIUS: 0.762
 MEAN RADIUS: 0.424
 # IN 1 IN DIAMETER: 7
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



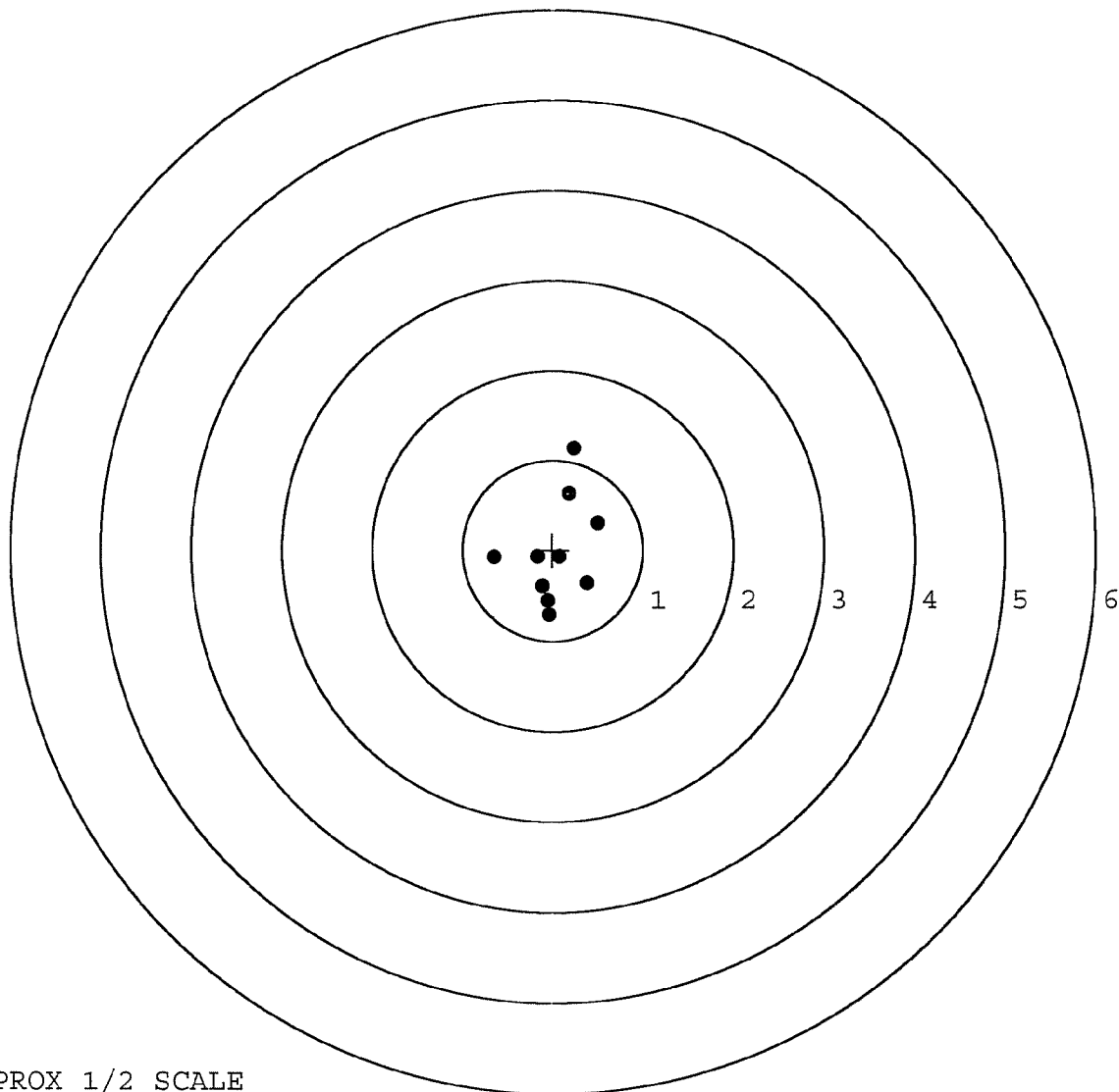
TARGET APPROX 1/2 SCALE

BARBER - M24 0028533

SERIAL NUMBER: C6523462.____0
 TARGET NUMBER: 4
 FILE DATE: 10/24/2005
 FILE TIME: 09:59

POINT#	X	Y
1:	0.500	0.302
2:	0.183	0.632
3:	0.238	1.127
4:	-0.649	-0.080
5:	0.380	-0.367
6:	-0.045	-0.718
7:	-0.059	-0.560
8:	-0.117	-0.401
9:	0.078	-0.079
10:	-0.167	-0.079

X CENTROID: 0.034
 Y CENTROID: -0.022
 POA TO CENTROID: 0.041
 HORZ SPREAD: 1.149
 VERT SPREAD: 1.845
 GROUP SPREAD: 1.867
 MIN RADIUS: 0.072
 MAX RADIUS: 1.167
 MEAN RADIUS: 0.551
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0028534

SERIAL NUMBER: C6523462. __0

TARGET NUMBER: 5

FILE DATE: 10/24/2005

FILE TIME: 09:59

POINT#	X	Y
1:	0.226	-0.876
2:	0.431	-0.579
3:	0.203	-0.332
4:	0.284	0.253
5:	-0.017	0.353
6:	-0.299	0.400
7:	-0.362	-0.273
8:	-0.047	-0.174
9:	-0.174	0.065
10:	0.129	0.044

X CENTROID: 0.037

Y CENTROID: -0.112

POA TO CENTROID: 0.118

HORZ SPREAD: 0.793

VERT SPREAD: 1.276

GROUP SPREAD: 1.380

MIN RADIUS: 0.105

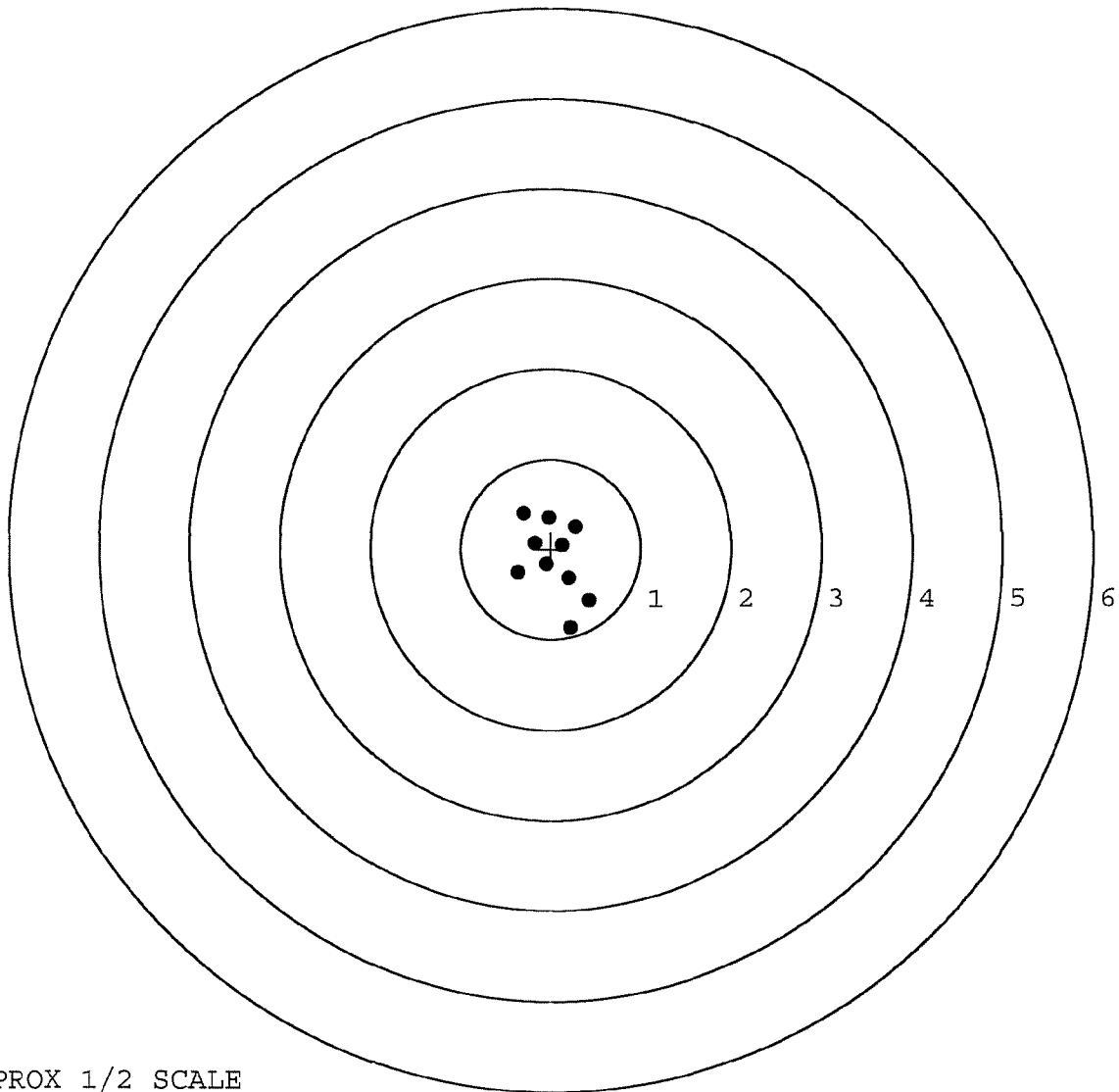
MAX RADIUS: 0.787

MEAN RADIUS: 0.419

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	102291		
SERIAL NUMBER	CL6523462		
LOG-IN DATE	10-14-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIALS
550	DIS-ASSEMBLE GUN	10-17-05	RTZ
560 A	RE-BARREL		
B	DRILL AND TAP	10-20-05	BR
575	ASSEMBLE	10-19-05	CD
600	PROOF	10-19-05	CD
605	CHECK HEADSPACE	10-19-05	CD
610	DIS-ASSEMBLE GUN	10-19-05	CD
612	MAGNAFLUX	10/20/05	unus
615	ROLLMARK CALIBER	10/20/05	CW
618	ROTO-BLAST	10-21-05	LB
620	APPLY COATINGS	10/21/05	HP
625 A	FINAL ASSEMBLY	10-24-05	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	10-26-05	BC
D	SAFETY "OFF" FORCE	10-26-05	BC
E	FIRING PIN INDENT	10-26-05	BC
640	TARGET	10-24-05	TKU
655	FINAL INSPECT	10-26-05	BC
660	PACK	10-27-05	RA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington[®]

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

MODEL 700TM M24

01

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


5716 C6523462

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

SERIAL NO.
C6523462

ORDER NO.
5716

UPC


0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # 06523462

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 25	90	RW
600	Proof	9 25	90	RW
607	Check Headspace	9 25	90	RW
610	Dis-assemble Gun	9 25	90	RW
612	Magnaflux Barrel Action		9-26-90	KR
	Magnaflux Bolt		9-26-90	KR
615	Rollmark Caliber		9-26-90	G.S.
617	Drill and Tap Sight Holes		9/28/90	RB
618	Polish Barrel RB		10/1/90	WB
620	Apply Coatings (Barrel Action)		10-5-90	TSA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/8/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/8/90	RW
	C) Inspect Ejector Hole for Chamfer		10/8/90	RW
	D) Oil Firing Pin Ass'y		10/8/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/12/90	HL

op. #	BARBER - M24 0028539 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			10/16/90	WBS
	G) Safety Off Force	3 1/2	3 1/2	3 1/2			10/16/90	WBS
	H) Trigger Pull Test & Retainability						10/12/90	JLF
	I) Firing Pin Indent	.021	.0215	.0215			10/16/90	WBS
	J) Assemble Stock						10/16/90	RW
	K) Assemble Swivel Studs						10-20-90	QJ
	L) Attach Front and Rear Sight Assemblies						10/16/90	RW
	M) Iron Sight Alignment						10/16/90	RW
	N) Detach Front & Rear Sights & place in numbered container						10/16/90	RW
	O) Attach Scope to Rifle						10/20/90	RW
	P) Detach & Attach Scope 20 Times						10/20/90	RW
640	Gallery Target & Test						11-24-90	KT
	A) Time						10-24-90	KT
	B) Malfunctions						10-24-90	KT
	C) Pierced Primers						10-24-90	KT
	D) Optical Clarity of Scope						10-24-90	KT
645	Inspect for Live Ammo						10-24-90	KT
655	Final Inspection						11-20-90	QJ
	A) Headspace						11-20-90	QJ
	B) Trigger Pull	272	290	291	231	230	11-20-90	QJ
	C) Function						11-20-90	QJ
660	Pack						12/14/90	VF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6523462

DATE 10-12-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.18	2.47	2.43	2.72	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.31	2.50	2.38	2.90	
PULL #3	2.51	2.20	2.40	2.91	
PULL #4	2.40	2.39	2.46	2.31	
PULL #5	2.44	2.46	2.30	2.30	
TOTAL	11.84	12.02	11.97		
AVG.	2.368	2.404	2.394		

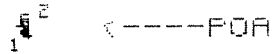
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.31		
PULL #2	3.32	3.31		
PULL #3	3.33	3.30		
PULL #4	3.35	3.27		
PULL #5	3.40	3.26		
TOTAL	16.66	16.45		
AVG.	3.332	3.29		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.21		4.21
PULL #2	4.21	4.18		4.16
PULL #3	4.26	4.18		4.33
PULL #4	4.28	4.18		4.19
PULL #5	4.23	4.13		4.32
TOTAL	21.25	20.88		21.21
AVG.	4.25	4.176		4.242

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06523462
25 Oct 1990

CENTROIDAL DISTANCES

0 TO	1	.353362
1 TO	2	.851127
1 TO	3	.389772
1 TO	4	.331798
1 TO	5	.512104

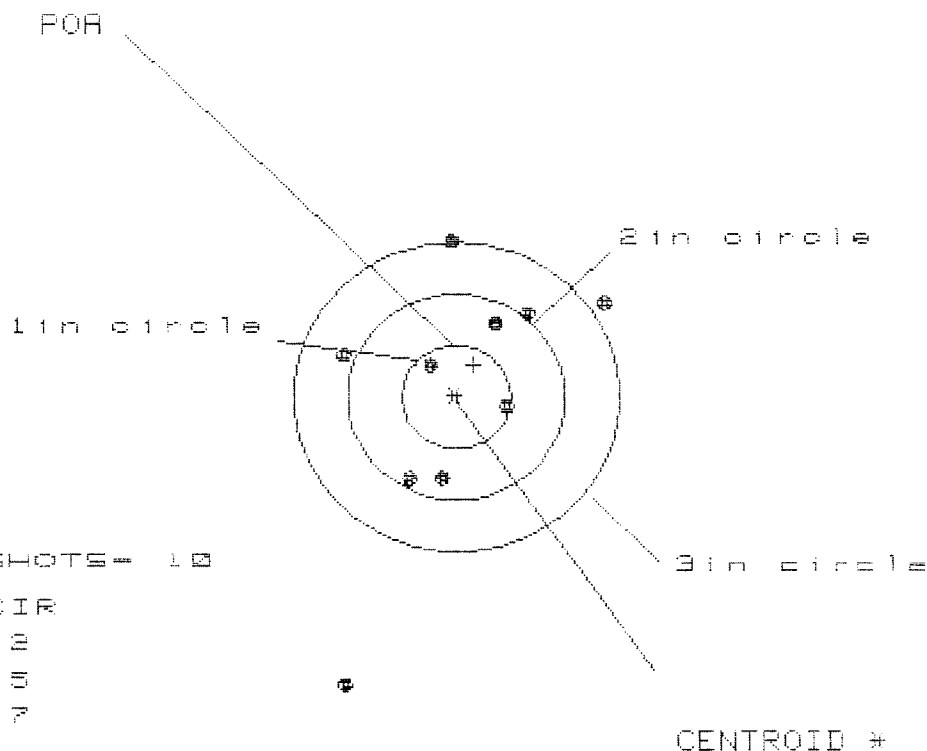
 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0832
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0178
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0850823
THE AMR FOR THIS RIFLE IS: 1.137

25 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523462

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

H0 = 3.474

V0 = 4.343

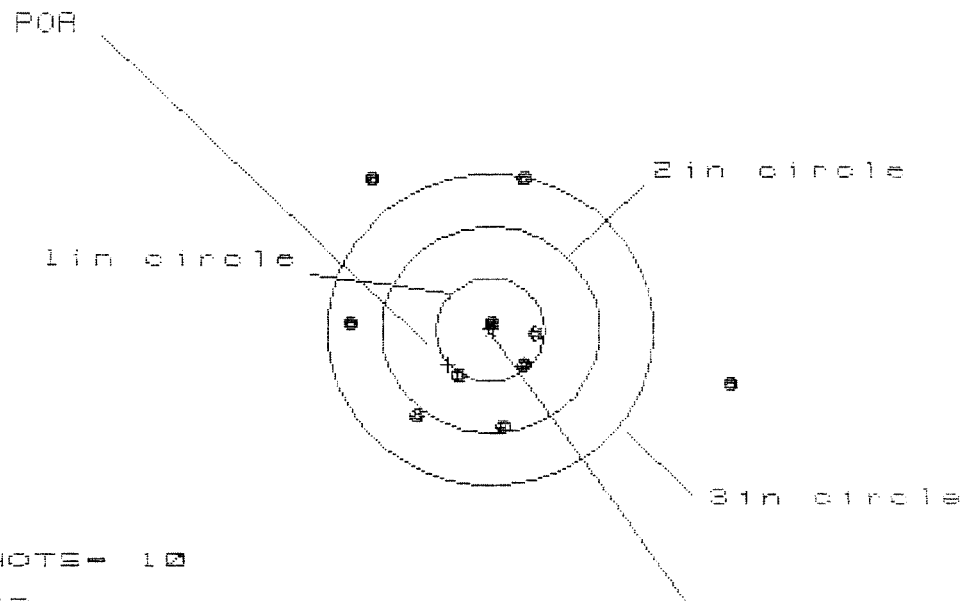
G0 = 4.493

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.390	1.270	.749
MINIMUM X	-1.084	-1.136	-.977
MAXIMUM Y	1.522	1.208	1.285
MINIMUM Y	-2.821	-1.131	-1.054
CENTROID X	-.164	-.044	-.202
CENTROID Y	-.313	.001	-.076
POA TO CENTROID in.	.353	.044	.216
MIN RADIUS	.382	.365	.214
MEAN RADIUS	1.176	.923	.853
MAX RADIUS	3.022	1.411	1.285
HORIZONTAL SPREAD	2.474	2.406	1.726
VERTICAL SPREAD	4.343	2.339	2.339
EXTREME SPREAD	4.493	2.540	2.375
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

25 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523462

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 5

3 in = 8

HS = 3.559

VS = 2.402

GS = 3.884

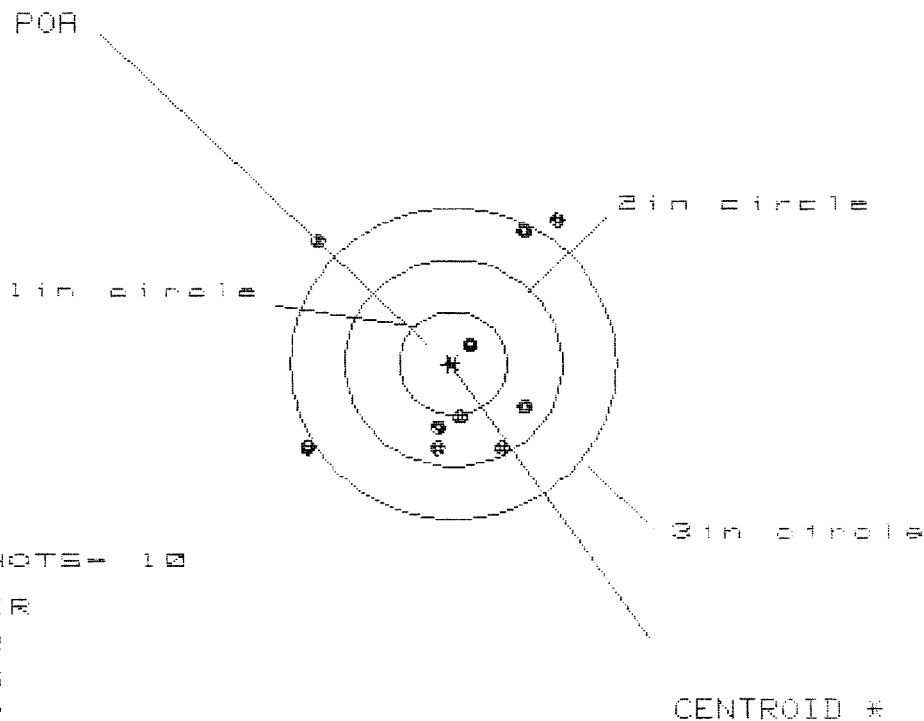
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.235	.669	.566
MINIMUM X	:	-1.324	-1.075	-1.178
MAXIMUM Y	:	1.471	1.408	1.563
MINIMUM Y	:	-.931	-.994	-.818
CENTROID X	:	.389	.140	.243
CENTROID Y	:	.334	.397	.221
POR TO CENTROID in.	:	.512	.421	.328
MIN RADIUS	:	.095	.223	.236
MEAN RADIUS	:	1.044	.926	.780
MAX RADIUS	:	2.307	1.629	1.634
HORIZONTAL SPREAD	:	3.559	1.744	1.744
VERTICAL SPREAD	:	2.402	2.402	2.391
EXTREME SPREAD	:	3.884	2.670	2.510
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

25 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8523462

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 7

HS= 2.244

VS= 2.247

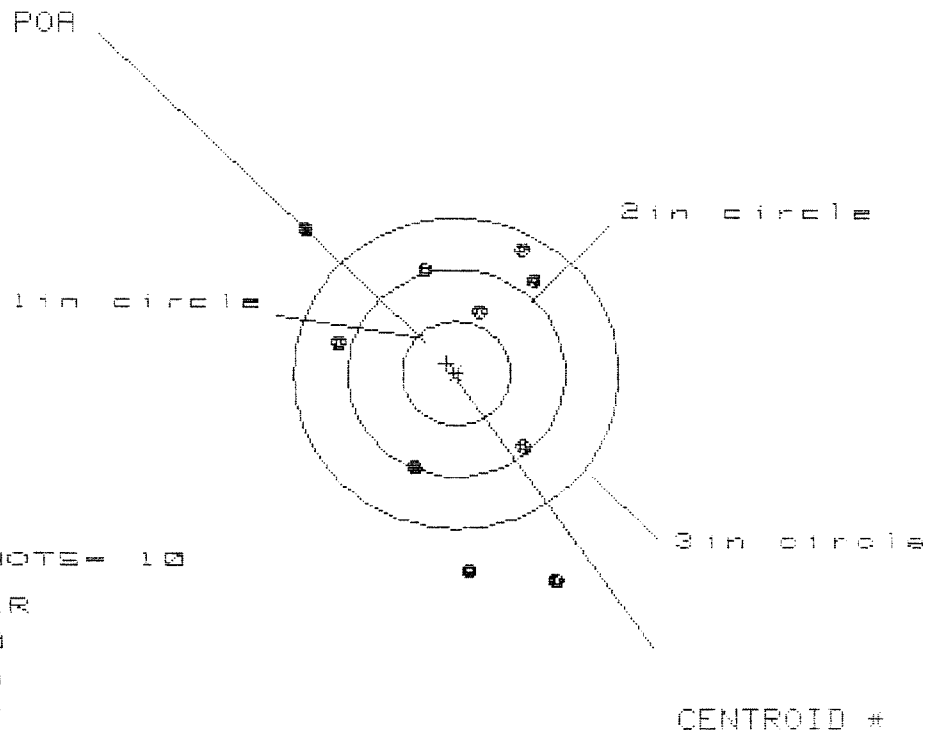
GS= 3.151

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.919	.782	.652
MINIMUM X	-1.325	-1.462	-1.364
MAXIMUM Y	1.409	1.539	1.594
MINIMUM Y	-.838	-.708	-.516
CENTROID X	.045	.182	.084
CENTROID Y	.016	-.114	-.306
POA TO CENTROID in.	.048	.214	.317
MIN RADIUS	.208	.294	.152
MEAN RADIUS	1.028	.911	.751
MAX RADIUS	1.696	1.726	1.694
HORIZONTAL SPREAD	2.244	2.244	2.016
VERTICAL SPREAD	2.247	2.247	2.110
EXTREME SPREAD	3.151	3.151	2.839
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		7	

25 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523462

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 3

3 in = 7

1 in = 2.258

2 in = 3.421

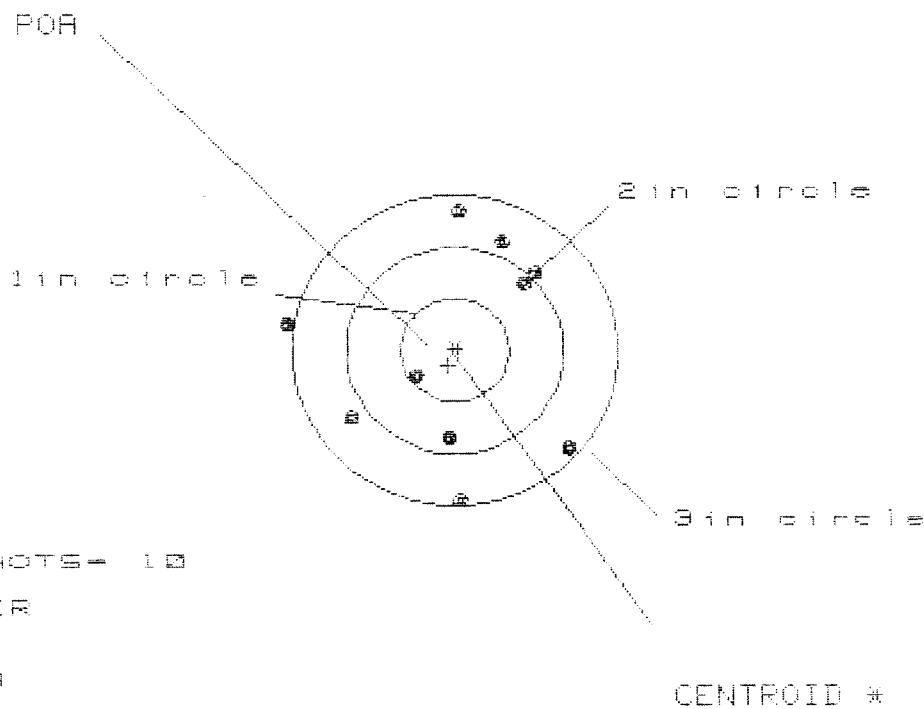
3 in = 4.099

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	.918
MINIMUM X	-1.340
MAXIMUM Y	1.428
MINIMUM Y	-1.993
CENTROID X	.087
CENTROID Y	-.096
POA TO CENTROID in.	.130
MIN RADIUS	.681
MEAN RADIUS	1.322
MAX RADIUS	2.194
HORIZONTAL SPREAD	2.258
VERTICAL SPREAD	3.421
EXTREME SPREAD	4.099
NUMBER IN ONE INCH CIRCLE =	0
NUMBER IN TWO INCH CIRCLE =	3
NUMBER IN THREE INCH CIRCLE =	7

25 Oct 1938

FILE:/PATTERNING/CENTERFIRE_PATT/08523452

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 3

3 in = 6

HS = 2.544

VS = 2.775

GS = 2.795

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.991
MINIMUM X	-1.553
MAXIMUM Y	1.338
MINIMUM Y	-1.437
CENTROID X	.059
CENTROID Y	.148
POB TO CENTROID in.	.159
MIN RADIUS	.384
MEAN RADIUS	1.117
MAX RADIUS	1.573
HORIZONTAL SPREAD	2.544
VERTICAL SPREAD	2.775
EXTREME SPREAD	2.795
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	3
NUMBER IN THREE INCH CIRCLE =	6