

C6498854

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



142

C6498854

N

MODEL 700TM M24



RECORDS CONTROL SCHEDULE

RECORDS CATEGORY OR TITLE:

[REDACTED]

[REDACTED]

COPY "O" (OFFICIAL) ☐ "X" (EXTRA) ☒

TOTAL RETENTION: [REDACTED]

[REDACTED]

GS-11050 Rev. 8/78

M2400009000

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: RE00112591
Verify Repair

Serial: C6498854
Model: M24 SWS
Center Fire
Caliber: 7.62 NATO
Produced: 06/19/1990

Repairman:
Status: Closed 5/19/2006 9:46:16 AM

Address Information

Customer:
Name: TRANSPOTATION OFFICER
Address 1: ANNISTON ARMY DEPOT
Address 2: EXIT BYNUM AL 36253
City: ANNISTON
State: AL
Zip Code: 36201
Country: US

Received From:
Return To: TRANSPOTATION OFFICER
Address 1: ANNISTON ARMY DEPOT
Address 2: EXIT BYNUM AL 36253
City: ANNISTON
State: AL
Zip Code: 36201
Country: US

Contact / Condition
Problems
Estimate
History / Status
Shipping / Billing

Contact Information
Phone: NA
Fax:
Email:
Comments:

Received Condition
Fair
Condition Notes:
CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1
C000	SCOPE CASE	1

Repair Search

Refresh

Close

naglej
5/23/2006
7:25 AM
CAPS
NUM
INS
SERL

start
2 Micr...
Microsof...
2 Inter...
Part Sea...
Arms Se...
7:25 AM

Serial Number:

C6498854

Model: M24 SWS



RE00112591

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400009001

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498854.___0

FILE DATE AND TIME: 06/09/2006 17:15

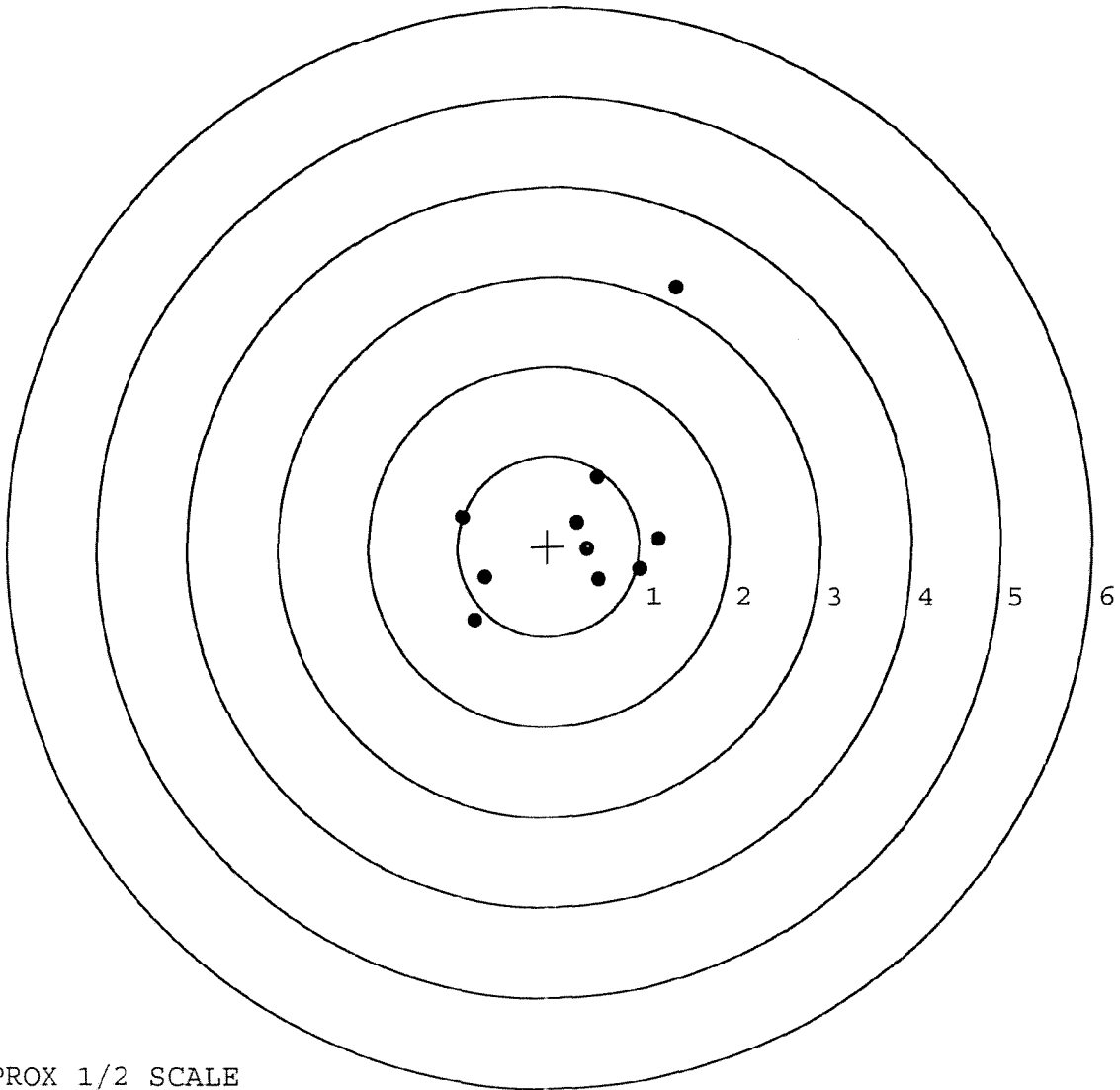
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.135
The Average Y Centroid of the Five Target Set:	0.047
The Average Point of Impact of the Five Target Set:	0.143
The Average Mean Radius of the Five Target Set:	0.874
The Distance from POA to Centroid Target #1:	0.391
The Distance from Centroid Target #2 to Centroid Target #1:	0.212
The Distance from Centroid Target #3 to Centroid Target #1:	0.439
The Distance from Centroid Target #4 to Centroid Target #1:	0.348
The Distance from Centroid Target #5 to Centroid Target #1:	0.382

SERIAL NUMBER: C6498854. __0
TARGET NUMBER: 1
FILE DATE: 06/09/2006
FILE TIME: 17:15

POINT#	X	Y
1:	1.397	2.877
2:	-0.953	0.321
3:	-0.695	-0.334
4:	-0.807	-0.819
5:	0.317	0.266
6:	0.557	-0.370
7:	1.010	-0.249
8:	1.207	0.086
9:	0.534	0.766
10:	0.428	-0.029

X CENTROID: 0.299
Y CENTROID: 0.252
POA TO CENTROID: 0.391
HORZ SPREAD: 2.350
VERT SPREAD: 3.696
GROUP SPREAD: 4.303
MIN RADIUS: 0.023
MAX RADIUS: 2.846
MEAN RADIUS: 1.015
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

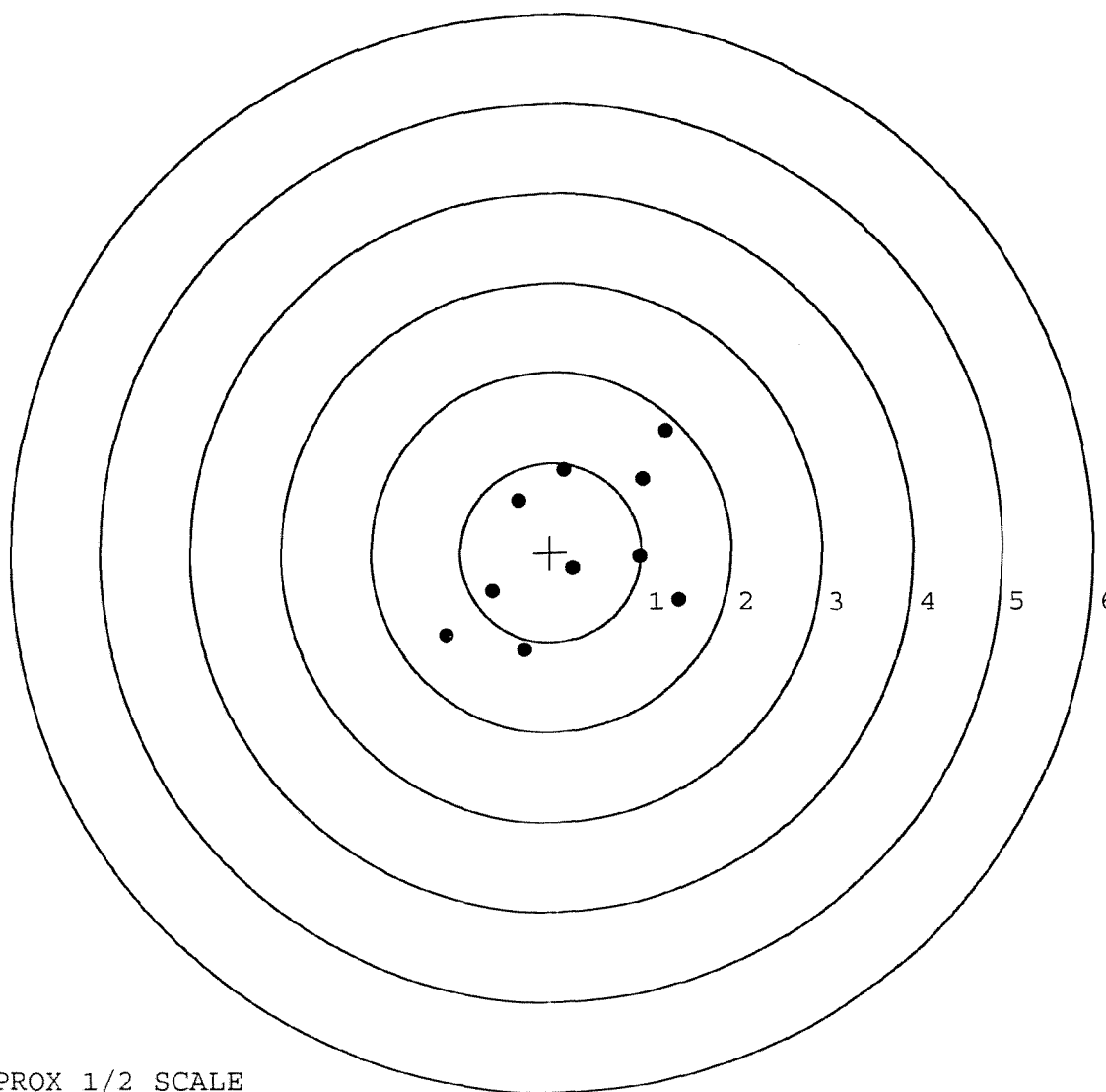


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498854. __0
TARGET NUMBER: 2
FILE DATE: 06/09/2006
FILE TIME: 17:15

X CENTROID: 0.264
Y CENTROID: 0.043
POA TO CENTROID: 0.268
HORZ SPREAD: 2.573
VERT SPREAD: 2.439
GROUP SPREAD: 3.331
MIN RADIUS: 0.223
MAX RADIUS: 1.727
MEAN RADIUS: 1.069
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.358	0.581
2:	0.151	0.918
3:	1.264	1.351
4:	1.018	0.816
5:	0.991	-0.051
6:	1.414	-0.546
7:	0.251	-0.180
8:	-0.643	-0.438
9:	-0.288	-1.088
10:	-1.159	-0.935

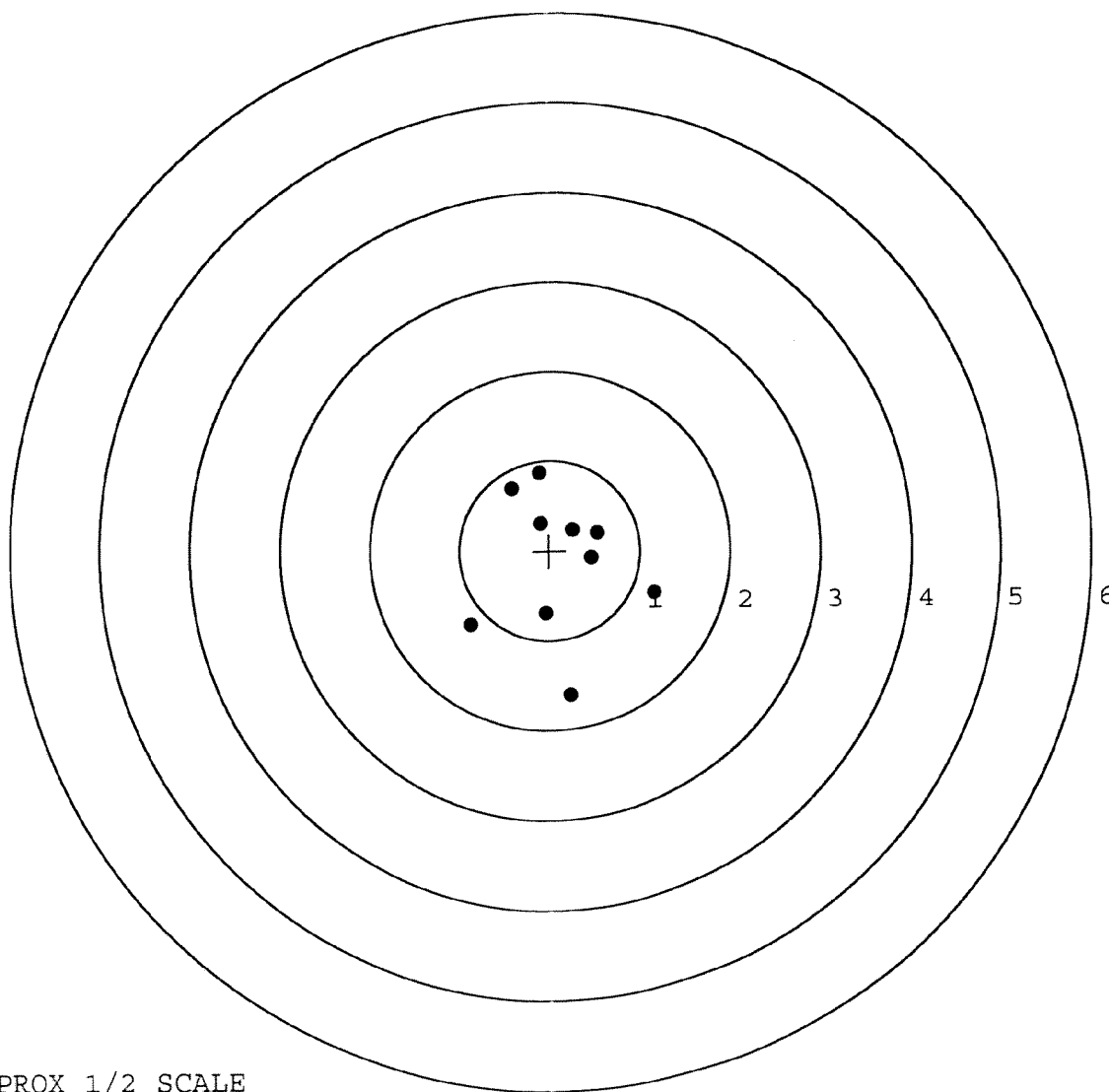


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498854. __0
TARGET NUMBER: 3
FILE DATE: 06/09/2006
FILE TIME: 17:15

X CENTROID: 0.108
Y CENTROID: -0.144
POA TO CENTROID: 0.180
HORZ SPREAD: 2.034
VERT SPREAD: 2.478
GROUP SPREAD: 2.502
MIN RADIUS: 0.357
MAX RADIUS: 1.479
MEAN RADIUS: 0.816
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.113	0.861
2:	-0.416	0.689
3:	-0.880	-0.826
4:	-0.043	-0.704
5:	0.231	-1.617
6:	1.154	-0.478
7:	0.460	-0.085
8:	0.528	0.194
9:	0.255	0.228
10:	-0.095	0.303

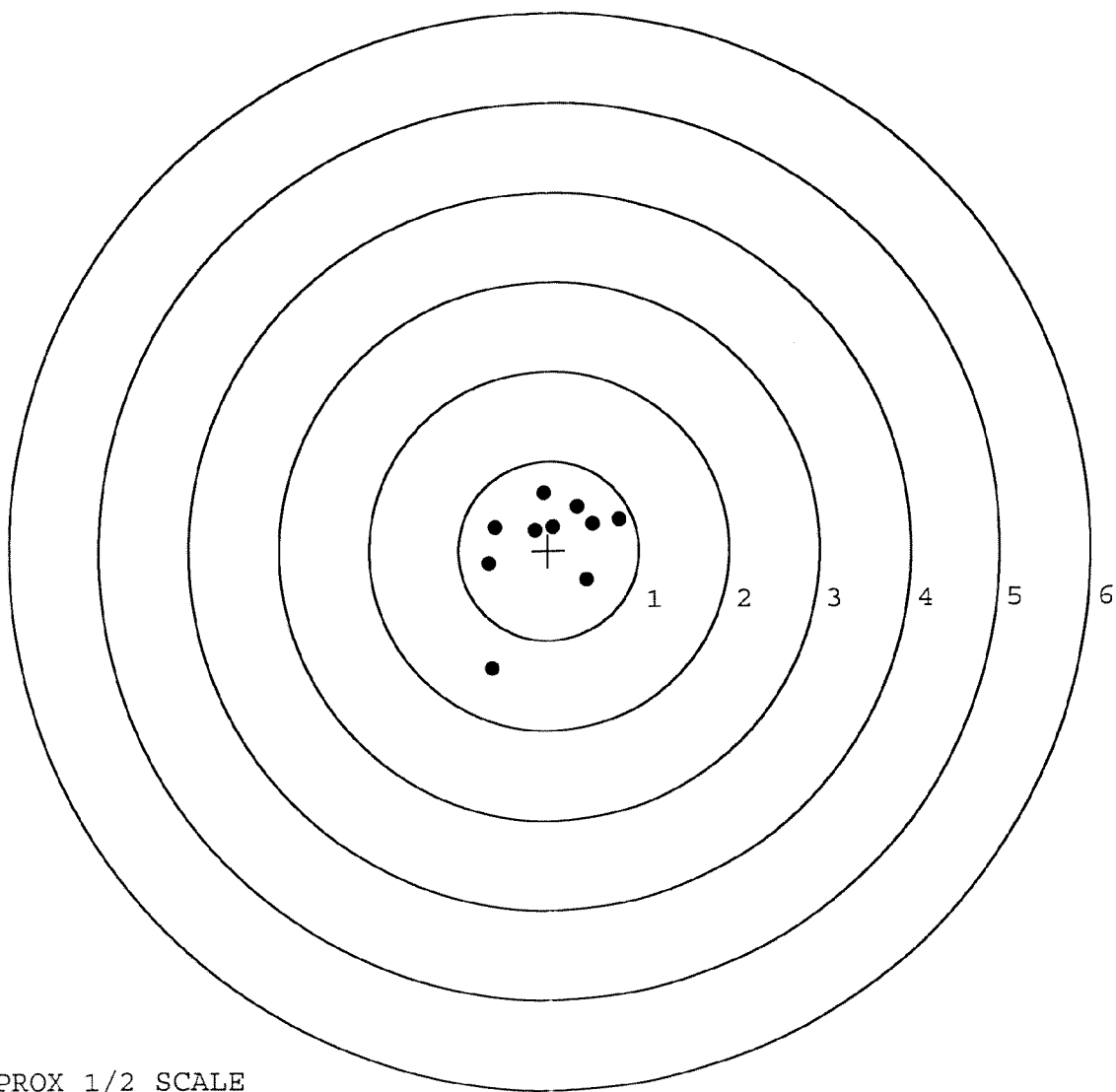


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498854. __0
TARGET NUMBER: 4
FILE DATE: 06/09/2006
FILE TIME: 17:15

X CENTROID: 0.001
Y CENTROID: 0.073
POA TO CENTROID: 0.073
HORZ SPREAD: 1.448
VERT SPREAD: 1.960
GROUP SPREAD: 2.184
MIN RADIUS: 0.200
MAX RADIUS: 1.528
MEAN RADIUS: 0.632
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.665	-0.144
2:	-0.588	0.265
3:	-0.147	0.230
4:	0.057	0.264
5:	-0.047	0.642
6:	0.326	0.484
7:	0.493	0.292
8:	0.783	0.346
9:	0.426	-0.335
10:	-0.632	-1.318

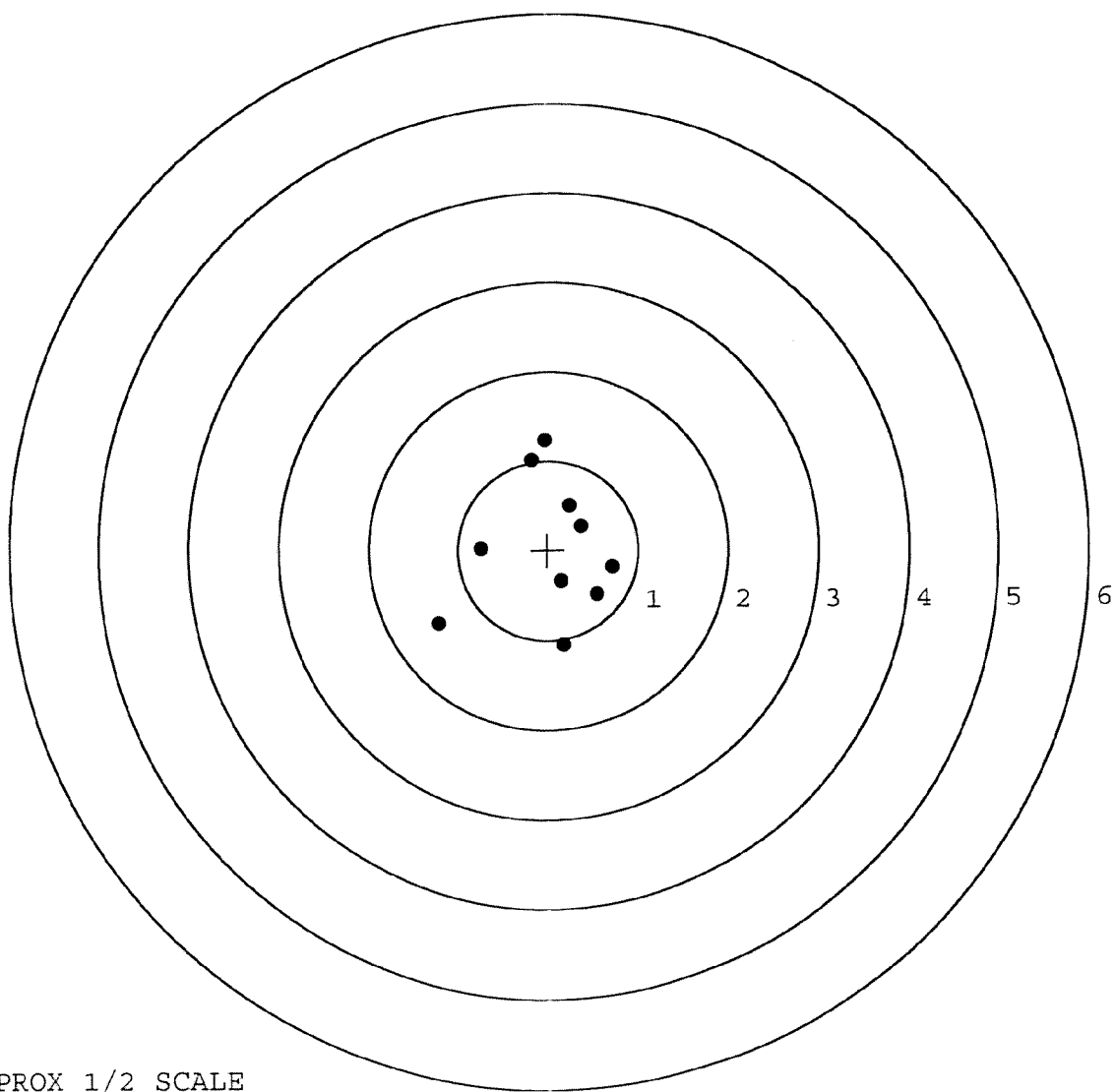


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498854. __0
TARGET NUMBER: 5
FILE DATE: 06/09/2006
FILE TIME: 17:15

X CENTROID: 0.003
Y CENTROID: 0.011
POA TO CENTROID: 0.012
HORZ SPREAD: 1.934
VERT SPREAD: 2.282
GROUP SPREAD: 2.358
MIN RADIUS: 0.393
MAX RADIUS: 1.472
MEAN RADIUS: 0.839
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.175	1.008
2:	-0.031	1.227
3:	0.241	0.499
4:	0.369	0.264
5:	0.715	-0.196
6:	0.546	-0.494
7:	0.151	-0.353
8:	0.176	-1.055
9:	-0.745	0.023
10:	-1.219	-0.810



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	112591			
SERIAL NUMBER	C6498854			
LOG-IN DATE	5-19-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		5-31-06	RTZ
505	RE-BARREL		6-1-06	RTZ
560	ASSEMBLE		6-1-06	RTZ
600	PROOF	MAGNA-FLUX	6-1-06	TRW
605	CHECK HEADSPACE	INSPECTED	6-1-06	TRW
610	DIS-ASSEMBLE GUN	JUN 05 2006	6-2-06	RTZ
612	MAGNAFLUX	OPERATOR CDD	6-3-06	APD
510	DRILL AND TAP		6-2-06	TRW
615	ROLLMARK CALIBER		6-2-06	CW
618	ROTO-BLAST		6-5-06	CB
620	APPLY COATINGS		6-7-06	TRW
625	FINAL ASSEMBLY		6-9-06	RTZ
640	FUNCTION TEST AND	PASS FAIL	6-9-06	R.P.D.
650	TARGET	PASS FAIL	6-9-06	R.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		6-22-06	MTH
	A) HEADSPACE	PASS FAIL	6-22-06	MTH
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS		
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	6 lbs 6 lbs 6 lbs 6-22-06	MTH
	G) SAFETY OFF FORCE	2 LBS MIN	3 lbs 3 lbs 3 lbs 6-22-06	MTH
	I) FIRING PIN INDENT	.020	.024 .024 .024 6-22-06	MTH
690	PACK		7-7-06	DA

Remington®

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

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

MODEL 700™ H24

SERIAL NO.
C6498854

ORDER NO.
5716

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

01

5716 C6498854



UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498854

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 9	90	RW
600	Proof	5 9	90	RW
607	Check Headspace	5 9	90	RW
610	Dis-assemble Gun	5 9	90	RW
612	Magnaflux Barrel Action	5-15-90		ReR
	Magnaflux Bolt	5-15-90		ReR
615	Rollmark Caliber	5-15-90		CS
617	Drill and Tap Sight Holes		5/17/90	FB
618	Polish Barrel RWB		5/17/90	WB
620	Apply Coatings (Barrel Action)		5-25-90	TA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		5/25/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/25/90	RW
	C) Inspect Ejector Hole for Chamfer		5/25/90	RW
	D) Oil Firing Pin Ass'y		5/25/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/30/90	ML

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	4	4	4	5/30/90	WB		
	G) Safety Off Force	2	2	2	5/30/90	WB		
	H) Trigger Pull Test & Retainability				5/30/90	gH		
	I) Firing Pin Indent	.0235	.0235	.0235	5/30/90	WB		
	J) Assemble Stock				5/31/90	Rw		
	K) Assemble Swivel Studs				6-6-90	DB		
	L) Attach Front and Rear Sight Assemblies				5/31/90	Rw		
	M) Iron Sight Alignment				5/31/90	Rw		
	N) Detach Front & Rear Sights & place in numbered container				5/31/90	Rw		
	O) Attach Scope to Rifle				5/31/90	WB		
	P) Detach & Attach Scope 20 Times				5/31/90	WB		
640	Gallery Target & Test				6-1-90	✓		
	A) Time				11	✓		
	B) Malfunctions				11	✓		
	C) Pierced Primers				11	✓		
	D) Optical Clarity of Scope				11	✓		
645	Inspect for Live Ammo				6-1-90	✓		
655	Final Inspection							
	A) Headspace				6-8-90	gH		
	B) Trigger Pull	288	289	279	289	289	6-6-90	gH
	C) Function						6-6-90	gH
660	Pack						6-19-90	DA

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. 06498854

DATE 5/30/90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.39	2.50	2.88	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.36	2.23	2.44	2.89	
PULL #3	2.29	2.19	2.45	2.79	
PULL #4	2.16	2.50	2.32	2.89	
PULL #5	2.16	2.41	2.20	2.89	
TOTAL	11.37	11.72	11.91		
AVG.	2.274	2.344	2.382		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.28		
PULL #2	3.32	3.25		
PULL #3	3.22	3.22		
PULL #4	3.22	3.38		
PULL #5	3.24	3.26		
TOTAL	16.25	16.39		
AVG.	3.25	3.278		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.41	4.35		4.37
PULL #2	4.33	4.33		4.54
PULL #3	4.41	4.40		4.31
PULL #4	4.33	4.36		4.43
PULL #5	4.30	4.37		4.27
TOTAL	21.78	21.81		21.92
AVG.	4.356	4.362		4.384

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498854
1 Jun 1990

CENTROIDAL DISTANCES

0 TO	1	.353638
1 TO	2	.287063
1 TO	3	.455724
1 TO	4	.129865
1 TO	5	.390006

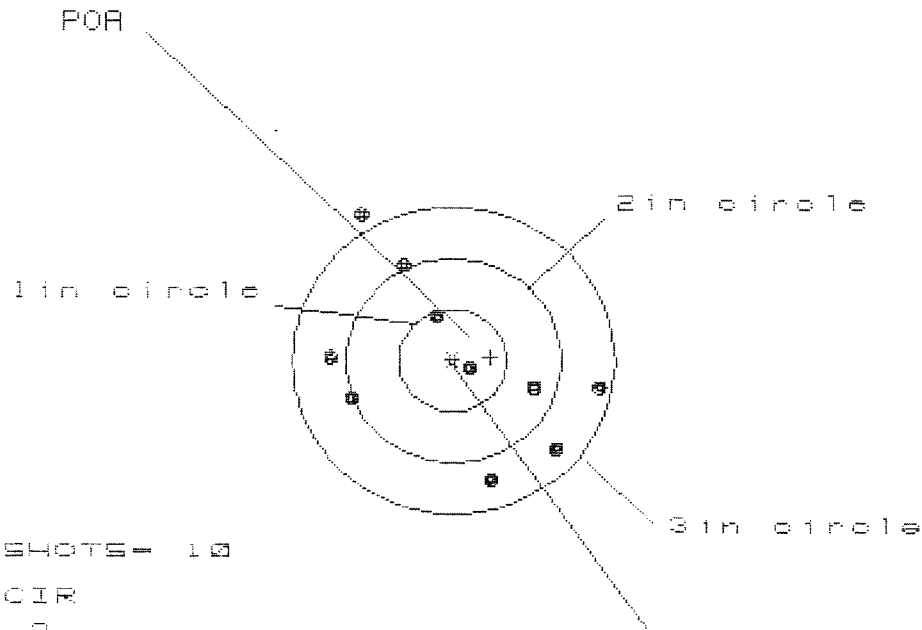
430 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1316
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0906
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .159771
THE AMR FOR THIS RIFLE IS: 1.014

1 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6438854

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 3

3in = 8

HS= 2.490

VS= 2.619

GS= 2.944

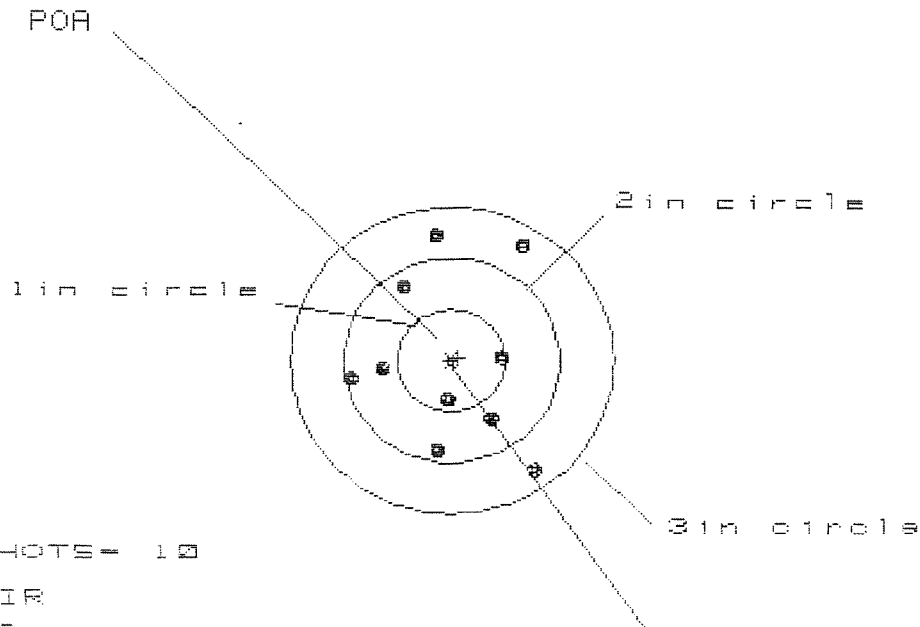
CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.386	1.288	1.012
MINIMUM X	:	-1.104	-1.202	-1.041
MAXIMUM Y	:	1.481	1.125	1.119
MINIMUM Y	:	-1.138	-.974	-.980
CENTROID X	:	-.352	-.254	-.415
CENTROID Y	:	-.034	-.198	-.192
POR TO CENTROID in.	:	.354	.322	.457
MIN RADIUS	:	.150	.135	.240
MEAN RADIUS	:	1.009	.919	.877
MAX RADIUS	:	1.726	1.289	1.209
HORIZONTAL SPREAD	:	2.490	2.490	2.053
VERTICAL SPREAD	:	2.619	2.099	2.099
EXTREME SPREAD	:	2.944	2.501	2.264
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

1 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C649B854

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 1.734

VS= 2.325

GS= 2.489

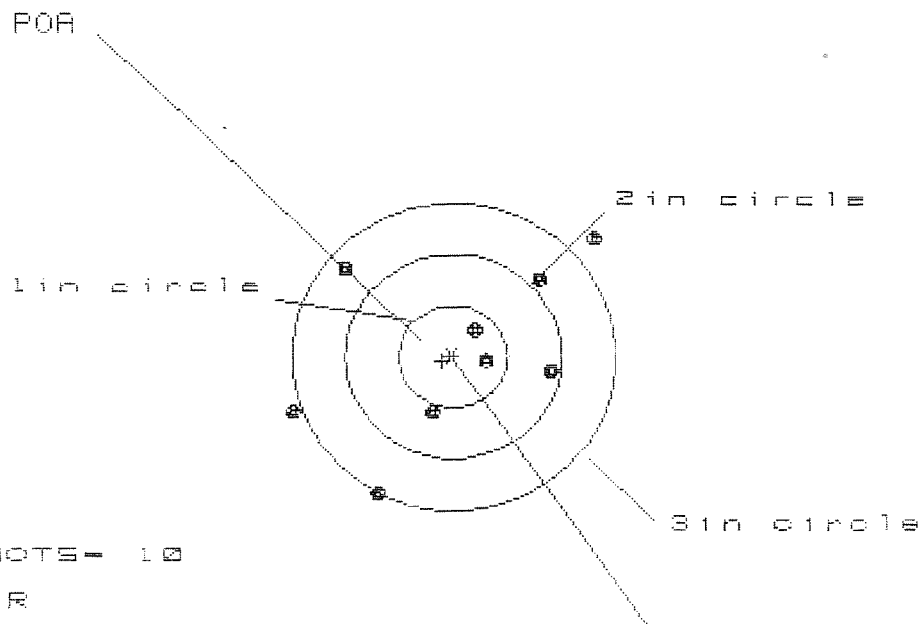
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.779	.746	.743
MINIMUM X	:	-.955	-.868	-.871
MAXIMUM Y	:	1.276	1.159	1.125
MINIMUM Y	:	-1.049	-1.012	-.867
CENTROID X	:	-.065	-.152	-.149
CENTROID Y	:	-.028	.089	-.056
POA TO CENTROID in.	:	.071	.176	.159
MIN RADIUS	:	.368	.494	.352
MEAN RADIUS	:	.874	.830	.761
MAX RADIUS	:	1.307	1.231	1.348
HORIZONTAL SPREAD	:	1.734	1.614	1.614
VERTICAL SPREAD	:	2.325	2.171	1.992
EXTREME SPREAD	:	2.489	2.171	2.150
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

1 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6498854

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HEI = 2.774

VEI = 2.450

GEI = 3.241

CENTROID #

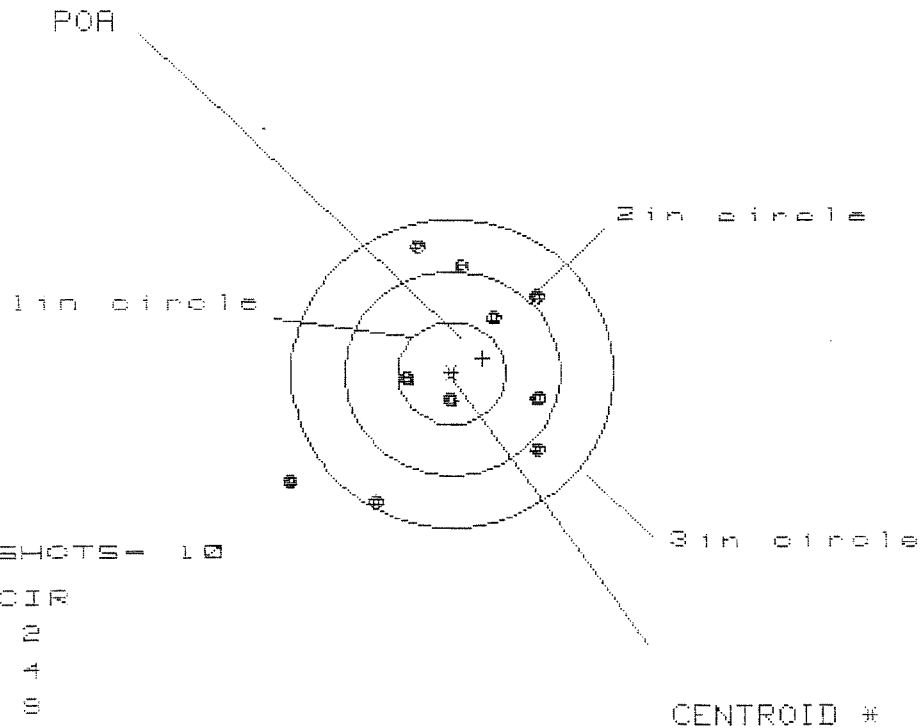
PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.268	1.034	.863
MINIMUM X	-1.506	-1.365	-1.027
MAXIMUM Y	1.135	.995	.943
MINIMUM Y	-1.315	-1.188	-1.240
CENTROID X	.098	-.043	.128
CENTROID Y	.038	-.088	-.036
POA TO CENTROID in.	.106	.097	.133
MIN RADIUS	.317	.388	.296
MEAN RADIUS	.989	.909	.813
MAX RADIUS	1.702	1.427	1.422
HORIZONTAL SPREAD	2.774	2.399	1.890
VERTICAL SPREAD	2.450	2.183	2.183
EXTREME SPREAD	3.241	2.699	2.594
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

1 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C649B854

CENTERFIRE PATTERNS

4



OF SHOTS - 10

IN CIR

1in = 2

2in = 4

3in = 8

HSE = 2.336

VSE = 2.448

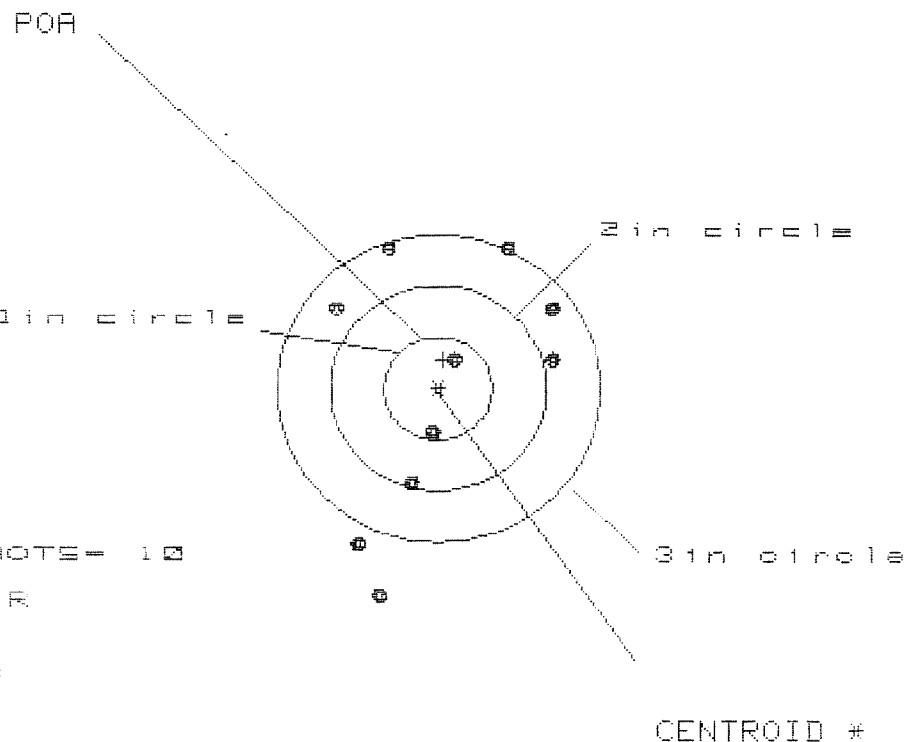
QSE = 2.868

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.834	.667	.558
MINIMUM X	:	-1.502	-.873	-.651
MAXIMUM Y	:	1.206	1.088	.918
MINIMUM Y	:	-1.242	-1.360	-1.024
CENTROID X	:	-.288	-.121	-.012
CENTROID Y	:	-.147	-.029	.141
POA TO CENTROID in.	:	.324	.125	.141
MIN RADIUS	:	.237	.389	.314
MEAN RADIUS	:	.983	.868	.751
MAX RADIUS	:	1.837	1.616	1.138
HORIZONTAL SPREAD	:	2.336	1.540	1.209
VERTICAL SPREAD	:	2.448	2.448	1.942
EXTREME SPREAD	:	2.868	2.487	2.204
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

1 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08498854

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 3

3 in = 7

HS = 1.995

VS = 3.456

GS = 3.658

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.070	1.009	.910
MINIMUM X	:	-.925	-.986	-1.085
MAXIMUM Y	:	1.394	1.164	.952
MINIMUM Y	:	-2.062	-1.701	-1.465
CENTROID X	:	-.051	.010	.109
CENTROID Y	:	-.282	-.052	.160
POA TO CENTROID in.	:	.286	.053	.194
MIN RADIUS	:	.290	.091	.193
MEAN RADIUS	:	1.214	1.080	.970
MAX RADIUS	:	2.136	1.876	1.460
HORIZONTAL SPREAD	:	1.995	1.995	1.995
VERTICAL SPREAD	:	3.456	2.865	2.357
EXTREME SPREAD	:	3.658	3.178	2.516
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	