

06587690

MODEL 700TM N24

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: **RE00111980**

Serial: C6587690 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 5/9/2006 8:12:15 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: JUSTIN OLDHAM

JUSTIN OLDHAM

Address 1: 41ST BCT HHC 1/180

41ST BCT HHC 1/180

Address 2:

PO Box:

PO Box:

City: CAMP SHELBY

CAMP SHELBY

State: MS

Zip Code: 39407

Country: 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

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

inaglel

5/9/2006

9:11 AM

CAPS

NUM

INS

SCBL

start

2 Mic...

Part S...

2 SA...

2 Mic...

2 Int...

Arms S...

9:11 AM

Serial Number: **C6587690**

Model: **M24 SWS**



RE00111980

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587690.___0

FILE DATE AND TIME: 05/22/2006 08:26

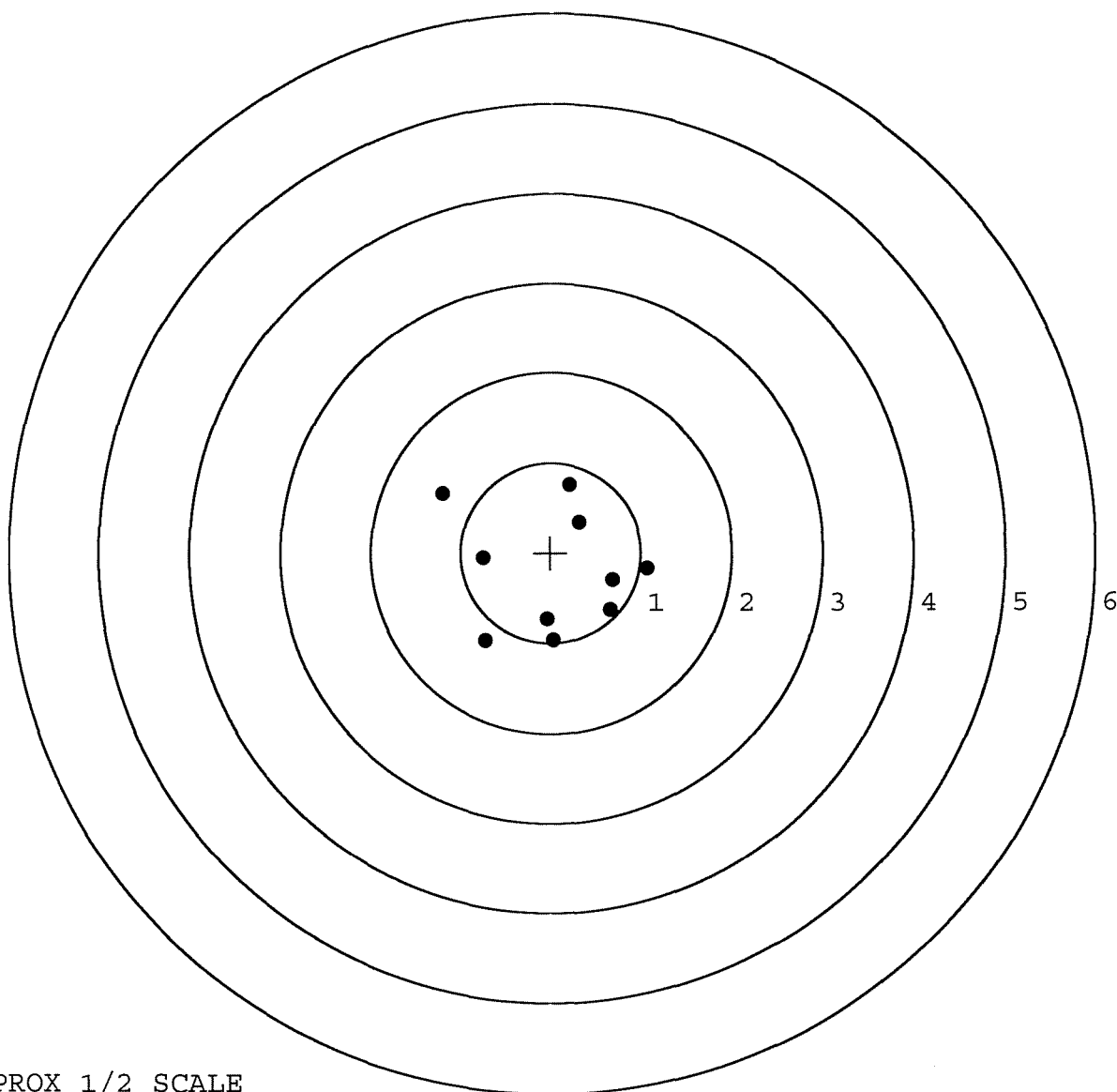
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.026
The Average Y Centroid of the Five Target Set:	-0.051
The Average Point of Impact of the Five Target Set:	0.057
The Average Mean Radius of the Five Target Set:	0.807
The Distance from POA to Centroid Target #1:	0.213
The Distance from Centroid Target #2 to Centroid Target #1:	0.390
The Distance from Centroid Target #3 to Centroid Target #1:	0.342
The Distance from Centroid Target #4 to Centroid Target #1:	0.282
The Distance from Centroid Target #5 to Centroid Target #1:	0.075

SERIAL NUMBER: C6587690. 0
TARGET NUMBER: 1
FILE DATE: 05/22/2006
FILE TIME: 08:26

X CENTROID: 0.027
Y CENTROID: -0.211
POA TO CENTROID: 0.213
HORZ SPREAD: 2.270
VERT SPREAD: 1.733
GROUP SPREAD: 2.421
MIN RADIUS: 0.535
MAX RADIUS: 1.508
MEAN RADIUS: 0.876
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.070	-0.176
2:	0.689	-0.301
3:	0.663	-0.640
4:	-0.041	-0.742
5:	0.035	-0.978
6:	-0.724	-0.978
7:	-0.751	-0.058
8:	0.317	0.340
9:	0.208	0.755
10:	-1.200	0.666



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587690. __0

TARGET NUMBER: 2

FILE DATE: 05/22/2006

FILE TIME: 08:26

X CENTROID: 0.253

Y CENTROID: 0.106

POA TO CENTROID: 0.274

HORZ SPREAD: 2.426

VERT SPREAD: 2.082

GROUP SPREAD: 2.706

MIN RADIUS: 0.521

MAX RADIUS: 1.554

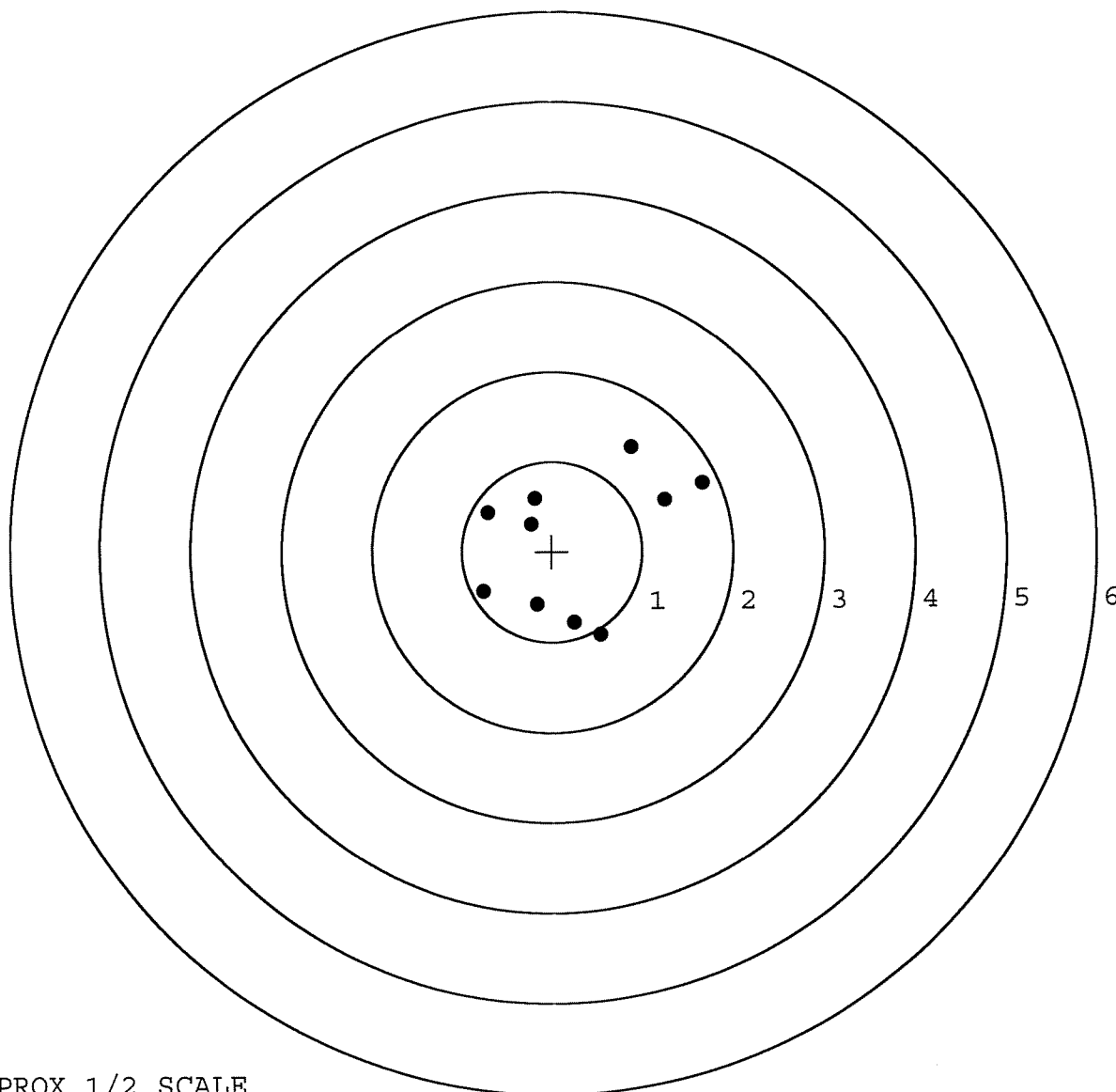
MEAN RADIUS: 1.001

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.535	-0.924
2:	0.253	-0.788
3:	-0.167	-0.592
4:	-0.761	-0.444
5:	-0.229	0.305
6:	-0.192	0.590
7:	-0.711	0.436
8:	1.250	0.570
9:	1.665	0.754
10:	0.885	1.158

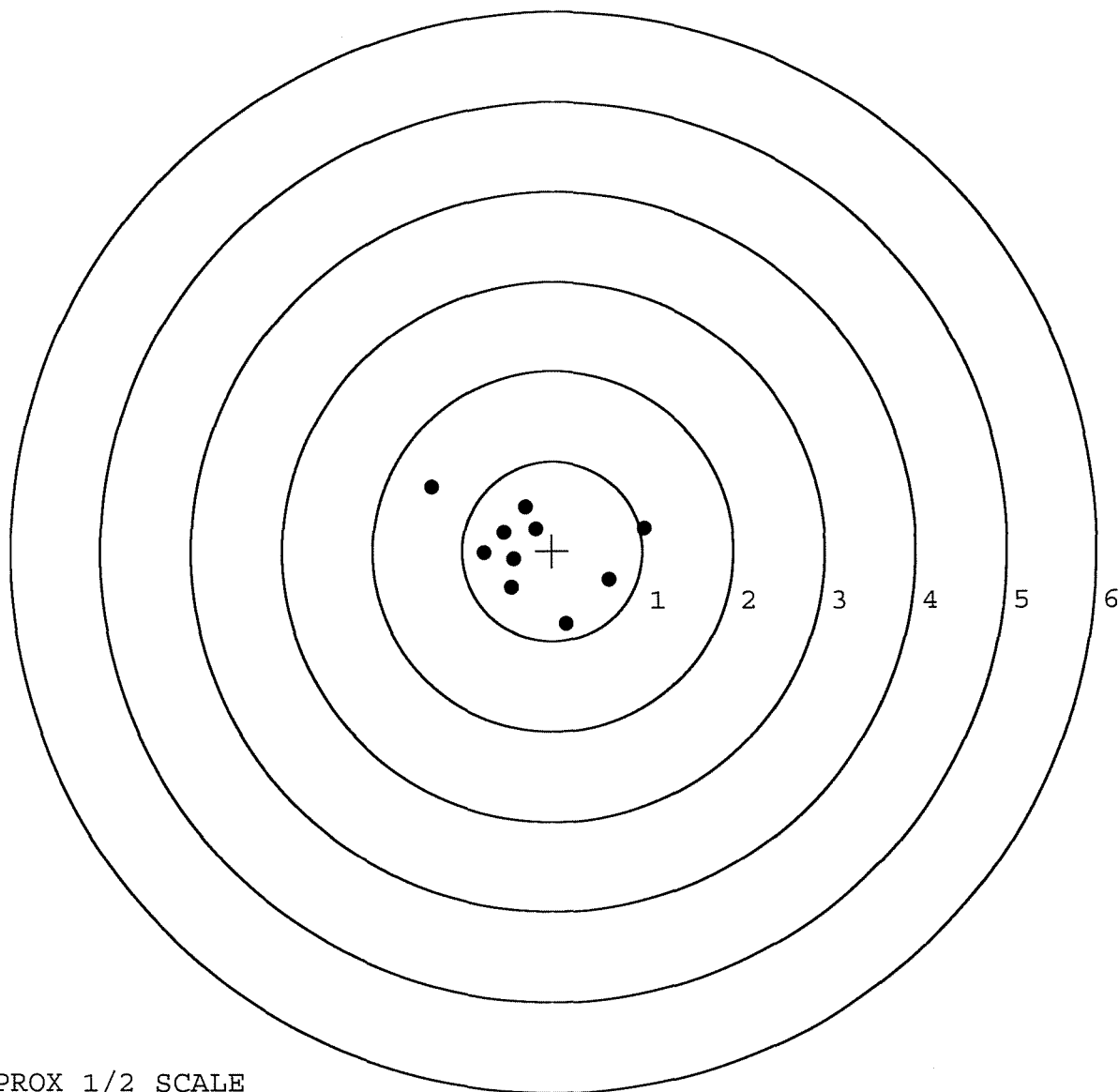


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587690. 0
TARGET NUMBER: 3
FILE DATE: 05/22/2006
FILE TIME: 08:26

X CENTROID: -0.221
Y CENTROID: 0.024
POA TO CENTROID: 0.222
HORZ SPREAD: 2.357
VERT SPREAD: 1.534
GROUP SPREAD: 2.403
MIN RADIUS: 0.220
MAX RADIUS: 1.317
MEAN RADIUS: 0.674
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.016	0.248
2:	0.629	-0.321
3:	0.160	-0.817
4:	-0.454	-0.408
5:	-0.428	-0.099
6:	-0.757	-0.021
7:	-0.536	0.211
8:	-0.193	0.242
9:	-0.306	0.489
10:	-1.341	0.717

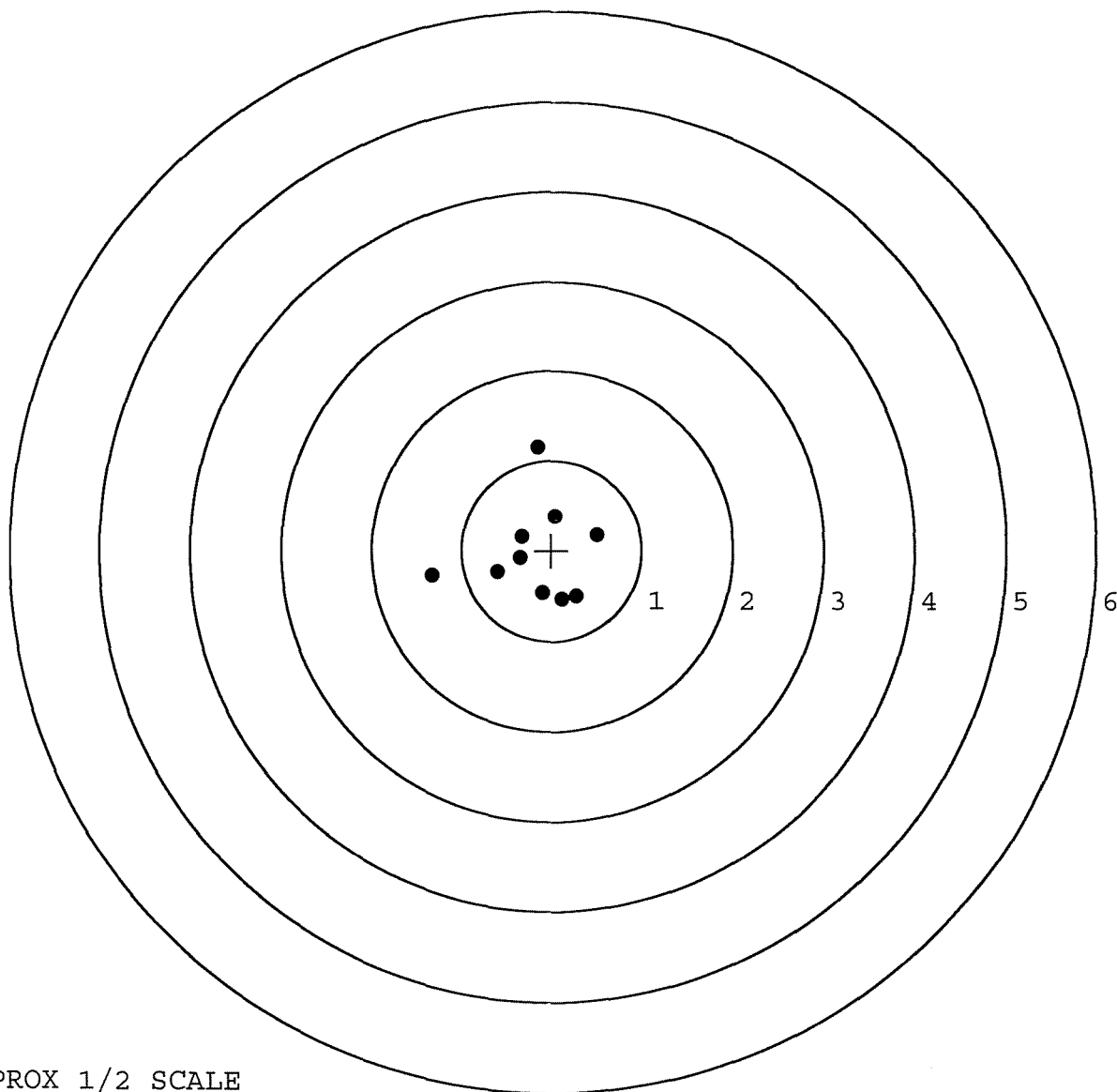


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587690. __0
TARGET NUMBER: 4
FILE DATE: 05/22/2006
FILE TIME: 08:26

X CENTROID: -0.191
Y CENTROID: -0.031
POA TO CENTROID: 0.194
HORZ SPREAD: 1.837
VERT SPREAD: 1.689
GROUP SPREAD: 1.844
MIN RADIUS: 0.170
MAX RADIUS: 1.175
MEAN RADIUS: 0.613
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.507	0.172
2:	0.285	-0.509
3:	-0.096	-0.479
4:	0.039	0.374
5:	-0.328	0.150
6:	-0.603	-0.242
7:	-1.330	-0.284
8:	-0.162	1.143
9:	0.126	-0.546
10:	-0.350	-0.093

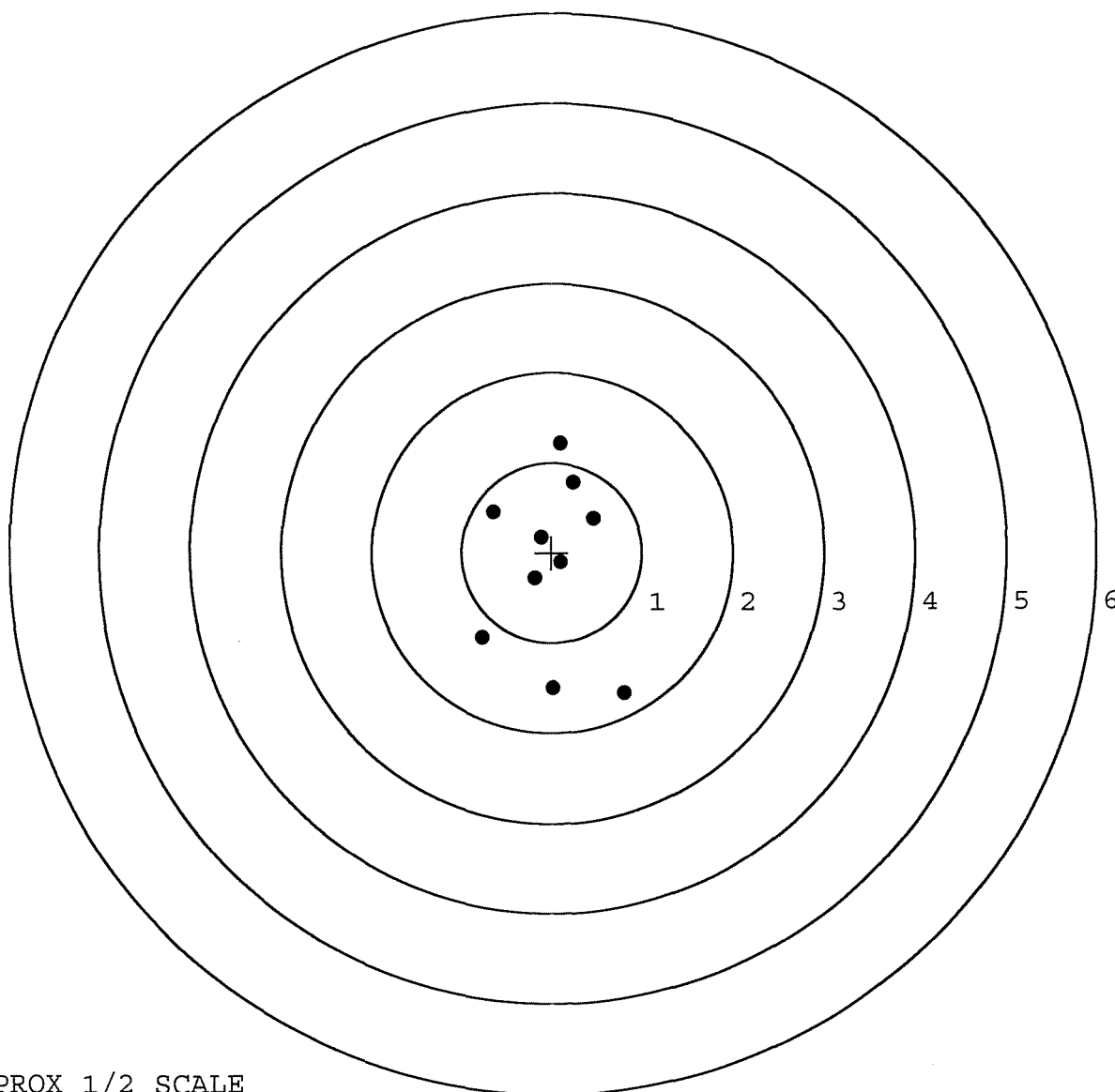


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587690. __0
TARGET NUMBER: 5
FILE DATE: 05/22/2006
FILE TIME: 08:26

X CENTROID: 0.000
Y CENTROID: -0.141
POA TO CENTROID: 0.141
HORZ SPREAD: 1.575
VERT SPREAD: 2.772
GROUP SPREAD: 2.860
MIN RADIUS: 0.109
MAX RADIUS: 1.630
MEAN RADIUS: 0.869
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.803	-1.560
2:	0.017	-1.512
3:	-0.772	-0.942
4:	-0.188	-0.289
5:	0.105	-0.109
6:	-0.118	0.168
7:	0.465	0.383
8:	0.244	0.782
9:	-0.652	0.454
10:	0.100	1.212



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	111980			
SERIAL NUMBER	C6582690			
LOG-IN DATE	5-9-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		5-10-06	RTZ
505	RE-BARREL		5-12-06	RTZ
560	ASSEMBLE		5-12-06	RTZ
600	PROOF	MAGNA-FLUX	5-12-06	TRW
605	CHECK HEADSPACE	INSPECTED	5-12-06	TRW
610	DIS-ASSEMBLE GUN	MAY 12 2006	5-12-06	RTZ
612	MAGNAFLUX	OPERATOR <i>unab</i>	5-12-06	<i>unab</i>
510	DRILL AND TAP		5-12-06	TRW
615	ROLLMARK CALIBER		5-12-06	CW
618	ROTO-BLAST		5-12-06	LB
620	APPLY COATINGS		5-15-06	<i>BB</i>
625	FINAL ASSEMBLY		5-17-06	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	5-22-06	TRW
650	TARGET	(PASS) FAIL	5-22-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	5-22-06	R.P
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		5-23-06	MTM
	A) HEADSPACE	(PASS) FAIL	5-23-06	MTM
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS		
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5 lbs 5 lbs 5 lbs	MTM
	G) SAFETY OFF FORCE	2 LBS MIN	2 lbs 2 lbs 2 lbs	MTM
	I) FIRING PIN INDENT	.020	.021 .021 .021	MTM
690	PACK		5-26-06	<i>BAZ</i>

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




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

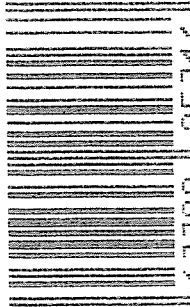
MODEL 700™ H24

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

SERIAL NO.
C6587690

ORDER NO.
5716

UPC



0 47700 25716 7



5716 C6587690

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587690

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1019	50	RW
600	Proof	1019	90	RW
607	Check Headspace	1019	90	RW
610	Dis-assemble Gun	1019	90	RW
612	Magnaflux Barrel Action		10/23/90	KR
	Magnaflux Bolt		10/23/90	KR
615	Rollmark Caliber		10/23/90	JS
617	Drill and Tap Sight Holes		10/26/90	LB
618	Polish Barrel RB		10/29/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		12/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/12/90	RW
	C) Inspect Ejector Hole for Chamfer		12/12/90	RW
	D) Oil Firing Pin Ass'y		12/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1-15-91	RM

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3 1/2	3 1/2	3 1/2			1/18/91	WB
	G) Safety Off Force	2	2	2			1/18/91	WB
	H) Trigger Pull Test & Retainability						1-15-91	JJ
	I) Firing Pin Indent	.0205	.0205	.0205			1/18/91	WB
	J) Assemble Stock						1/18/91	RW
	K) Assemble Swivel Studs						2-1-91	AK
	L) Attach Front and Rear Sight Assemblies						1/18/91	RW
	M) Iron Sight Alignment						1/18/91	RW
	N) Detach Front & Rear Sights & place in numbered container						1/18/91	RW
	O) Attach Scope to Rifle						1/18/91	RW
	P) Detach & Attach Scope 20 Times						1/18/91	RW
640	Gallery Target & Test						1/18/91	K2
	A) Time						"	K2
	B) Malfunctions						"	K2
	C) Pierced Primers						"	K2
	D) Optical Clarity of Scope						"	K2
645	Inspect for Live Ammo						1/18/91	K1
655	Final Inspection							
	A) Headspace						2-1-91	AK
	B) Trigger Pull	2.29	2.26	2.23	2.30	2.34	1-23-91	JJ
	C) Function						2-1-91	AK
660	Pack						3-19-91	N

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

SERIAL NO. C6587690DATE 1-15-91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.42	2.40	2.29	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.40	2.43	2.26	
PULL #3	2.53	2.41	2.46	2.23	
PULL #4	2.51	2.46	2.40	2.30	
PULL #5	2.42	2.44	2.40	2.34	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.22	3.38		
PULL #2	3.37	3.34		
PULL #3	3.39	3.36		
PULL #4	3.37	3.31		
PULL #5	3.31	3.34		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.28	4.35		4.20
PULL #2	4.27	4.28		4.23
PULL #3	4.29	4.18		4.21
PULL #4	4.23	4.23		4.14
PULL #5	4.16	4.19		4.25
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587690
19 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.322667
1 TO	2	.525929
1 TO	3	.30088
1 TO	4	.2903
1 TO	5	.23895

632 <----POI

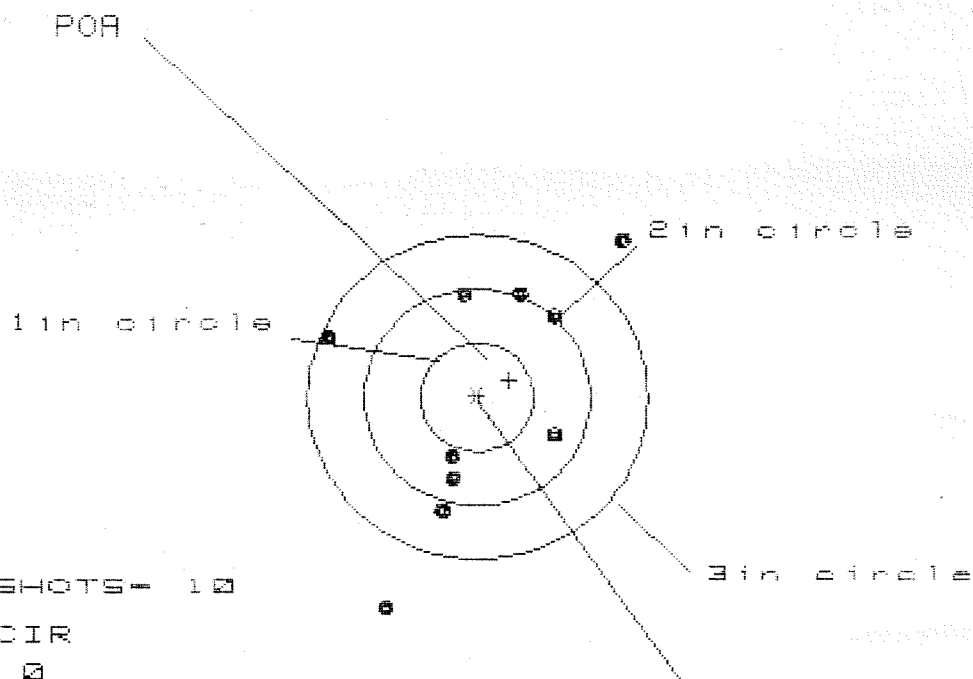
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.027
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.154
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .156349
THE AMR FOR THIS RIFLE IS: 1.11

18 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06587690

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 8

HS= 2.657

VS= 3.478

GS= 4.086

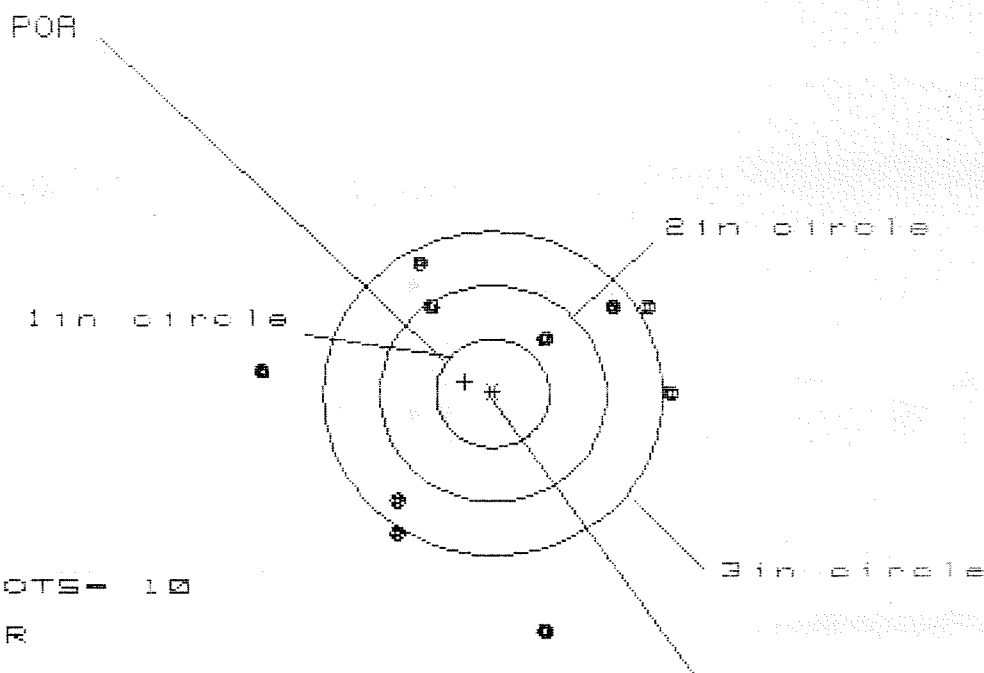
CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.299	1.205	.781
MINIMUM X	:	-1.358	-1.452	-1.301
MAXIMUM Y	:	1.502	1.282	.875
MINIMUM Y	:	-1.976	-1.269	-1.108
CENTROID X	:	-.283	-.189	-.340
CENTROID Y	:	-.155	.065	-.096
POR TO CENTROID in.	:	.323	.200	.353
MIN RADIUS	:	.596	.723	.633
MEAN RADIUS	:	1.192	1.075	.976
MAX RADIUS	:	2.149	1.760	1.400
HORIZONTAL SPREAD	:	2.657	2.657	2.082
VERTICAL SPREAD	:	3.478	2.551	1.983
EXTREME SPREAD	:	4.086	3.006	2.274
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=			8

18 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587690

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 0

2in = 2

3in = 5

HS = 3.658

VS = 3.404

GS = 3.662

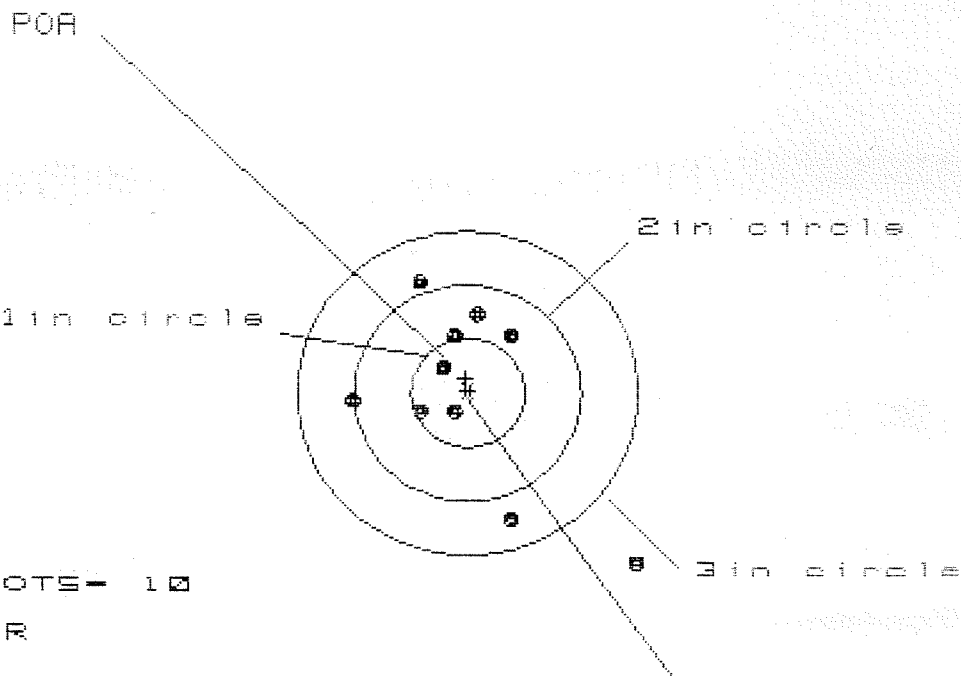
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.569	1.621	1.366
MINIMUM X	:	-2.089	-2.037	-1.015
MAXIMUM Y	:	1.238	.997	.995
MINIMUM Y	:	-2.166	-1.528	-1.530
CENTROID X	:	.241	.189	.444
CENTROID Y	:	-.110	.131	.133
POA TO CENTROID in.	:	.265	.230	.463
MIN RADIUS	:	.714	.599	.397
MEAN RADIUS	:	1.470	1.347	1.222
MAX RADIUS	:	2.216	2.037	1.836
HORIZONTAL SPREAD	:	3.658	3.658	2.381
VERTICAL SPREAD	:	3.404	2.525	2.525
EXTREME SPREAD	:	3.662	3.662	3.012
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		5	

18 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587690

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 3

2in = 7

3in = 9

HS = 2.449

VS = 2.607

GS = 3.212

CENTROID *

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.455	.546	.612
MINIMUM X	-.994	-.832	-.766
MAXIMUM Y	1.052	.879	.709
MINIMUM Y	-1.555	-1.363	-.522
CENTROID X	.017	-.145	-.211
CENTROID Y	-.132	.041	.211
POA TO CENTROID in.	.133	.150	.299
MIN RADIUS	.199	.123	.068
MEAN RADIUS	.845	.640	.510
MAX RADIUS	2.130	1.463	.876
HORIZONTAL SPREAD	2.449	1.378	1.378
VERTICAL SPREAD	2.607	2.242	1.231
EXTREME SPREAD	3.212	2.378	1.514
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

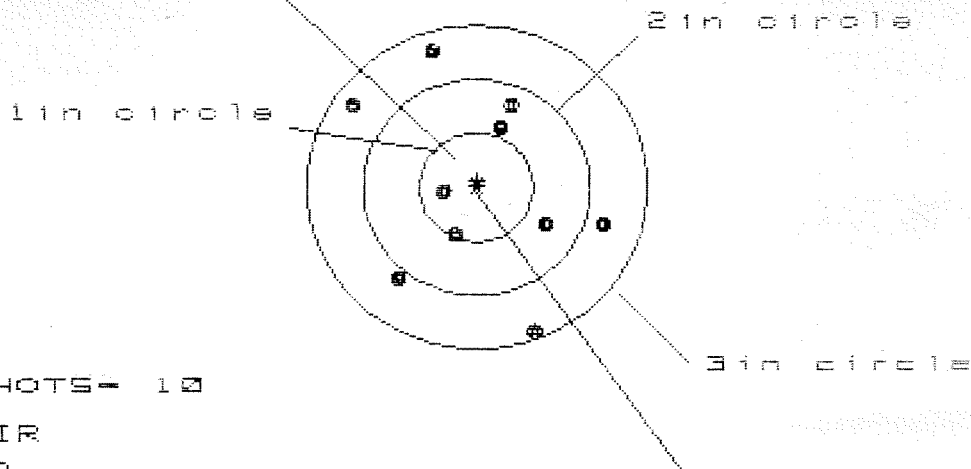
18 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587630

CENTERFIRE PATTERNS

4

POR



OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 10

HS = 2.220

VS = 2.646

GS = 2.802

CENTROID *

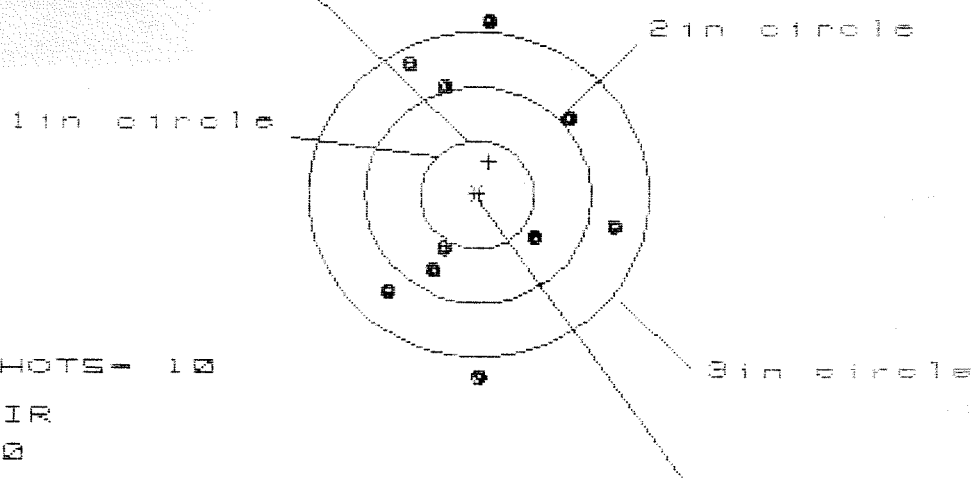
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.131	1.188	1.145
MINIMUM X	:	-1.089	-1.032	-1.075
MAXIMUM Y	:	1.280	1.129	.766
MINIMUM Y	:	-1.366	-1.023	-.882
CENTROID X	:	-.008	-.065	-.022
CENTROID Y	:	-.062	.089	-.052
POR TO CENTROID in.	:	.063	.111	.056
MIN RADIUS	:	.327	.313	.313
MEAN RADIUS	:	.921	.851	.800
MAX RADIUS	:	1.461	1.286	1.320
HORIZONTAL SPREAD	:	2.220	2.220	2.220
VERTICAL SPREAD	:	2.646	2.152	1.648
EXTREME SPREAD	:	2.802	2.484	2.484
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

18 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08587690

CENTERFIRE PATTERNS # 5

POA



OF SHOTS = 10

IN CIR

1in = 0

2in = 3

3in = 8

HS = 2.004

VS = 3.388

GS = 3.388

CENTROID *

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.182	1.183	1.195
MINIMUM X	:	-.822	-.821	-.809
MAXIMUM Y	:	1.651	1.458	1.152
MINIMUM Y	:	-1.737	-1.085	-.903
CENTROID X	:	-.102	-.103	-.115
CENTROID Y	:	-.311	-.118	-.300
POA TO CENTROID in.	:	.327	.157	.321
MIN RADIUS	:	.563	.729	.565
MEAN RADIUS	:	1.120	1.055	.978
MAX RADIUS	:	1.737	1.461	1.306
HORIZONTAL SPREAD	:	2.004	2.004	2.004
VERTICAL SPREAD	:	3.388	2.543	2.055
EXTREME SPREAD	:	3.389	2.703	2.340
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	