

C6594602

MODEL 760TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Repair Number: RE00080986	Serial: C6594602 Model M24 SWS Center Fire Caliber: 7 62 NATO	Repairman:	Status: New 5/18/2004 7:15:58 AM															
Address Information																		
Customer: 2125TH GSU	Received From:	Return To: 2125TH GSU	Received From:															
Address 1: BLDG AT 5722		Address 1: BLDG AT 5722																
Address 2: ATTN 3 116TH IN CSM McGhee PO Box:		Address 2: ATTN 3 116TH IN CSM McGhee PO Box:																
City: FORT BRAGG		City: FORT BRAGG																
State: NC Zip Code: 28310 Country: US		State: NC Zip Code: 28310 Country: US																
FFL:																		
Contact / Condition	Problems	Estimate	History / Status															
Contact Information Phone: 910 432 7071 Fax: Email: doc.mcgee@us.army.mil Comments:		Received Condition Fair Condition Notes: CSR Notes:																
		Accessories Received <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>3</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>C000</td> <td>Frt and Rear Sgt Base</td> <td>1</td> </tr> </tbody> </table>		Code	Desc	Qty	A007	With Stud	3	A010	Hard Case	1	A017	Scope Base	1	C000	Frt and Rear Sgt Base	1
Code	Desc	Qty																
A007	With Stud	3																
A010	Hard Case	1																
A017	Scope Base	1																
C000	Frt and Rear Sgt Base	1																
Repair Search		Refresh	Close															

Fort Polk

Serial: **C6594602**
 Model: **M24 SWS**

RE00080986

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

SERIAL # C6594602 INSPECTED BY: RTK

DATE REC'D: 5-17-04 DATE RET'D: 6-7-04

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:

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO. _____

DATE

3-16-04

TESTER

RW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.40	2.27		2.32	
PULL #2	2.43	2.15		2.25	
PULL #3	2.32	2.26		2.30	
PULL #4	2.35	2.21		2.32	
PULL #5	2.32	2.24		2.27	
TOTAL	11.82	11.13		11.46	
AVERAGE	2.36	2.23		2.29	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.12	3.15		
PULL #2	3.11	3.14		
PULL #3	3.13	3.18		
PULL #4	3.17	3.19		
PULL #5	3.03	3.21		
TOTAL	15.56	15.87		
AVERAGE	3.11	3.17		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.27	4.09		4.22
PULL #2	4.18	4.03		4.28
PULL #3	4.27	4.10		4.25
PULL #4	4.17	4.16		4.20
PULL #5	4.30	4.17		4.18
TOTAL	21.19	20.55		21.13
AVERAGE	4.24	4.11		4.23

[illegible]

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594602.___0
FILE DATE AND TIME: 06/07/2004 06:30

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.019
The Average Y Centroid of the Five Target Set:	-0.072
The Average Point of Impact of the Five Target Set:	0.075
The Average Mean Radius of the Five Target Set:	0.647
The Distance from POA to Centroid Target #1:	0.223
The Distance from Centroid Target #2 to Centroid Target #1:	0.272
The Distance from Centroid Target #3 to Centroid Target #1:	0.026
The Distance from Centroid Target #4 to Centroid Target #1:	0.462
The Distance from Centroid Target #5 to Centroid Target #1:	0.194

SERIAL NUMBER: C6594602. __0

TARGET NUMBER: 1

FILE DATE: 06/07/2004

FILE TIME: 06:30

X CENTROID: -0.204

Y CENTROID: -0.089

POA TO CENTROID: 0.223

HORZ SPREAD: 1.321

VERT SPREAD: 1.885

GROUP SPREAD: 1.898

MIN RADIUS: 0.192

MAX RADIUS: 0.982

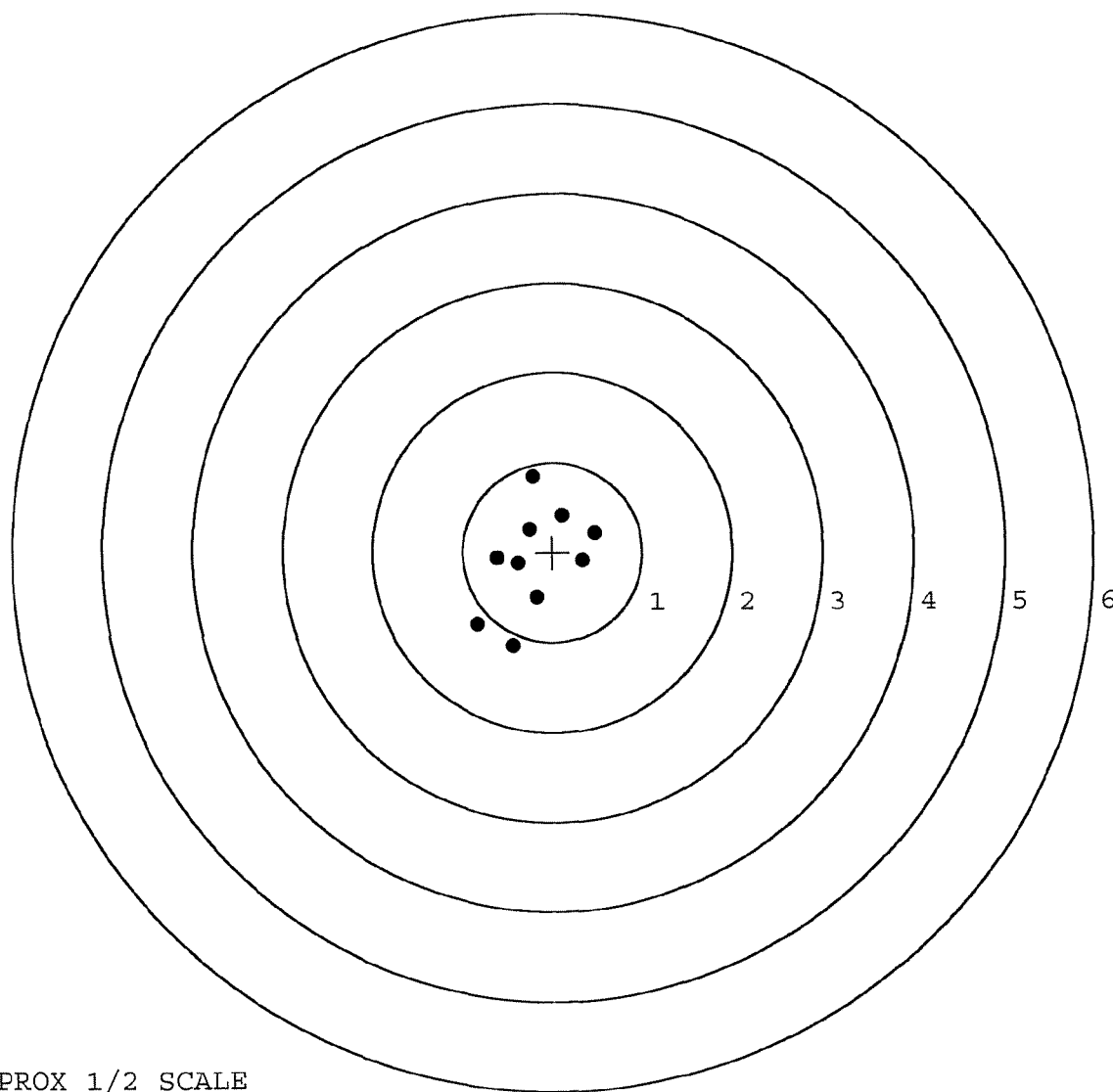
MEAN RADIUS: 0.612

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.223	0.844
2:	0.105	0.407
3:	0.479	0.215
4:	0.339	-0.088
5:	-0.263	0.258
6:	-0.185	-0.500
7:	-0.616	-0.060
8:	-0.393	-0.124
9:	-0.842	-0.805
10:	-0.446	-1.041



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594602. __0

TARGET NUMBER: 2

FILE DATE: 06/07/2004

FILE TIME: 06:30

X CENTROID: 0.068

Y CENTROID: -0.083

POA TO CENTROID: 0.107

HORZ SPREAD: 2.241

VERT SPREAD: 1.098

GROUP SPREAD: 2.248

MIN RADIUS: 0.085

MAX RADIUS: 1.196

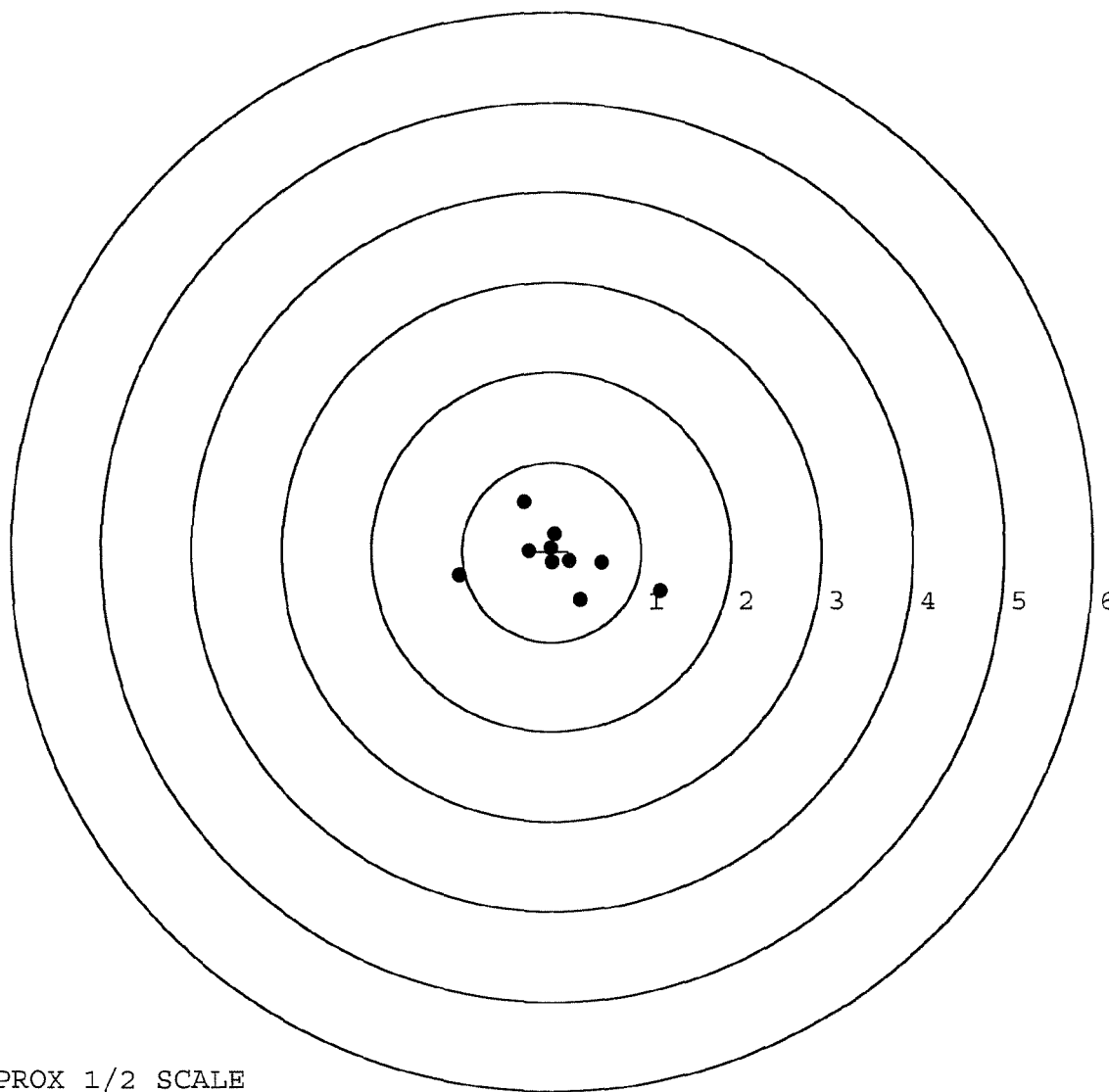
MEAN RADIUS: 0.505

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.208	-0.445
2:	0.317	-0.542
3:	0.554	-0.129
4:	-0.319	0.556
5:	-1.033	-0.268
6:	-0.256	0.007
7:	0.034	0.195
8:	0.198	-0.113
9:	-0.006	-0.125
10:	-0.019	0.039



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594602. __0

TARGET NUMBER: 3

FILE DATE: 06/07/2004

FILE TIME: 06:30

X CENTROID: -0.195

Y CENTROID: -0.113

POA TO CENTROID: 0.225

HORZ SPREAD: 1.811

VERT SPREAD: 1.419

GROUP SPREAD: 2.081

MIN RADIUS: 0.291

MAX RADIUS: 1.127

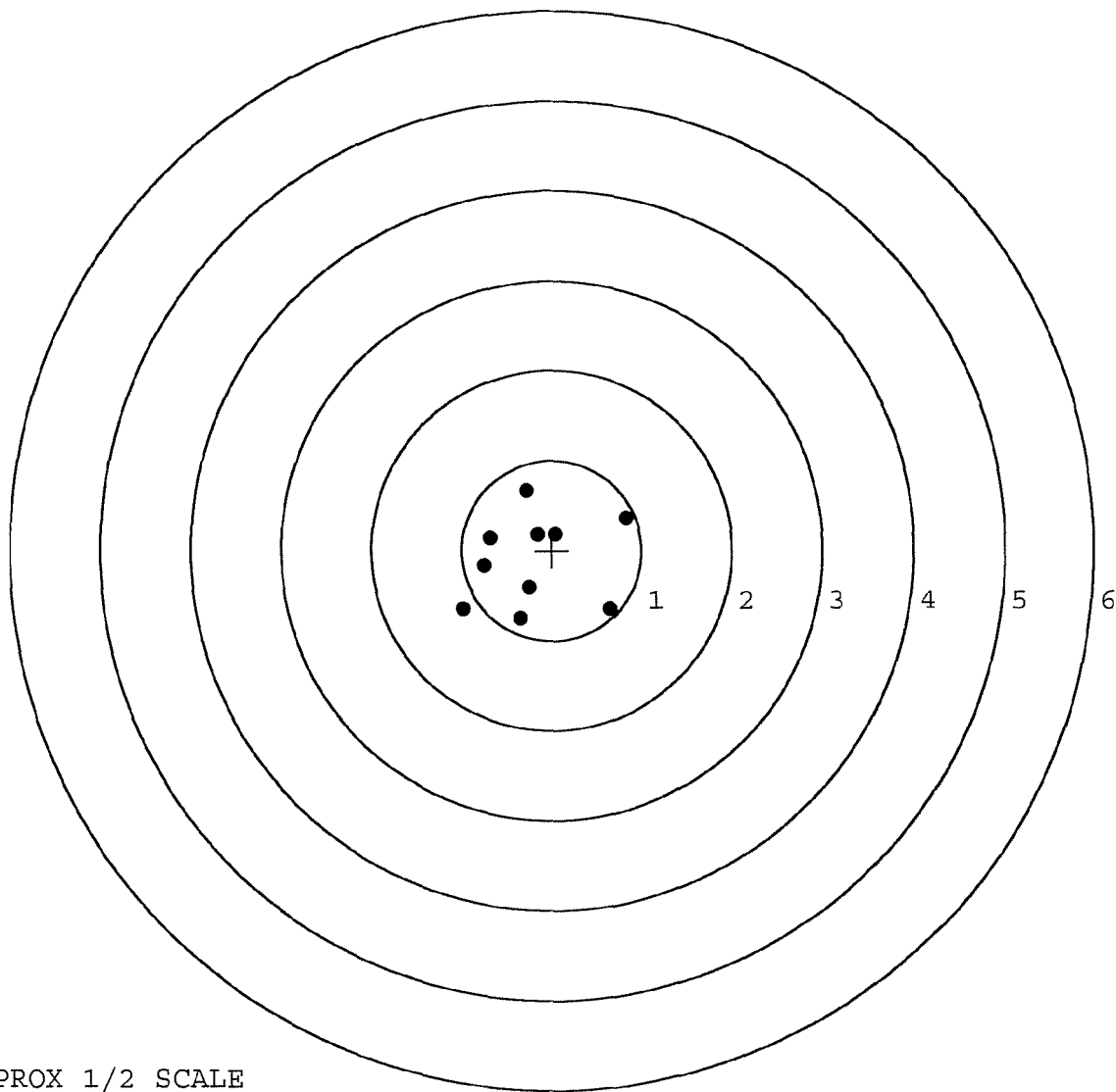
MEAN RADIUS: 0.662

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.825	0.366
2:	0.650	-0.652
3:	-0.281	0.660
4:	0.046	0.184
5:	-0.158	0.175
6:	-0.257	-0.416
7:	-0.353	-0.759
8:	-0.986	-0.659
9:	-0.747	-0.174
10:	-0.686	0.142

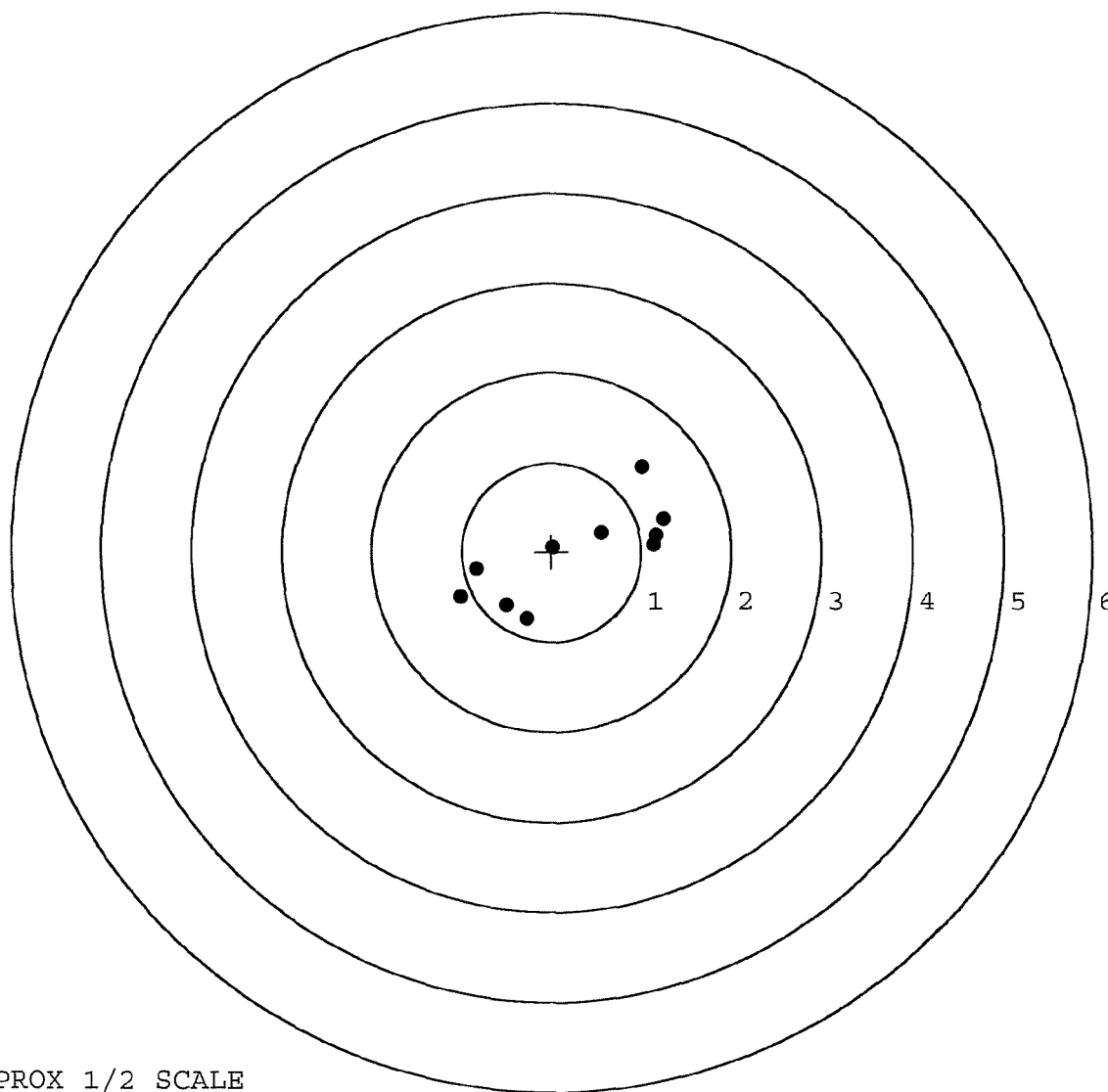


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594602. __0
TARGET NUMBER: 4
FILE DATE: 06/07/2004
FILE TIME: 06:30

X CENTROID: 0.252
Y CENTROID: -0.018
POA TO CENTROID: 0.253
HORZ SPREAD: 2.260
VERT SPREAD: 1.706
GROUP SPREAD: 2.499
MIN RADIUS: 0.242
MAX RADIUS: 1.357
MEAN RADIUS: 0.908
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.009	0.958
2:	1.248	0.371
3:	1.143	0.086
4:	0.557	0.219
5:	0.019	0.047
6:	-0.835	-0.195
7:	-1.012	-0.512
8:	-0.277	-0.748
9:	-0.502	-0.595
10:	1.172	0.191



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594602.___0

TARGET NUMBER: 5

FILE DATE: 06/07/2004

FILE TIME: 06:30

X CENTROID: -0.013

Y CENTROID: -0.058

POA TO CENTROID: 0.060

HORZ SPREAD: 1.469

VERT SPREAD: 1.462

GROUP SPREAD: 1.655

MIN RADIUS: 0.039

MAX RADIUS: 1.102

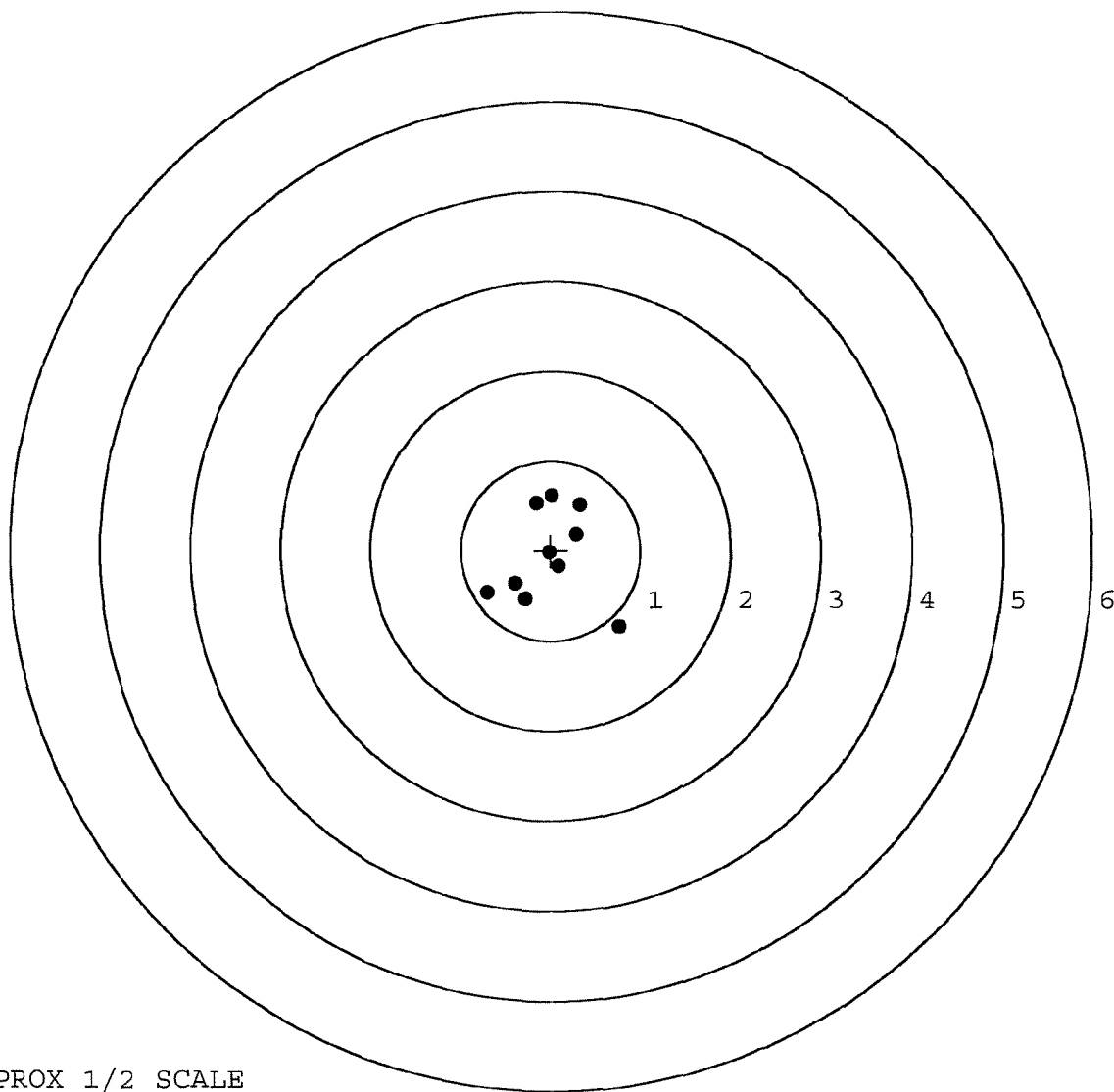
MEAN RADIUS: 0.549

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.762	-0.842
2:	-0.707	-0.467
3:	-0.406	-0.373
4:	-0.287	-0.545
5:	-0.167	0.528
6:	0.325	0.510
7:	0.280	0.185
8:	-0.025	-0.021
9:	0.082	-0.178
10:	0.010	0.620



TARGET APPROX 1/2 SCALE

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.
C6594602

ORDER NO.
5716

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

20



5716 C6594602

UPC



0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594602

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1228	90	RW
600	Proof	1228	90	RW
607	Check Headspace	1228	90	RW
610	Dis-assemble Gun	1228	90	RW
612	Magnaflux Barrel Action		1-7-91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	JS
617	Drill and Tap Sight Holes	1 10 91		FB
618	Polish Barrel	1 10 91		WB
620	Apply Coatings (Barrel Action)		1-26-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/28/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/28/91	RW
	C) Inspect Ejector Hole for Chamfer		1/28/91	RW
	D) Oil Firing Pin Ass'y		1/28/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2-6-91	GU

op. #	OP. NAME	READINGS			DATE	INIT	
625 cont.	F) Safety On Force	4 1/4	4 1/4	4 1/4	2/6/91	WB	
	G) Safety Off Force	2 1/2	2 1/2	2 1/2	2/6/91	WB	
	H) Trigger Pull Test & Retainability				2-6-91	RL	
	I) Firing Pin Indent	.022	.022	.022	2/6/91	WB	
	J) Assemble Stock				2/6/91	RW	
	K) Assemble Swivel Studs				2-26-91	AC	
	L) Attach Front and Rear Sight Assemblies				2/6/91	RW	
	M) Iron Sight Alignment				2/6/91	RW	
	N) Detach Front & Rear Sights & place in numbered container				2/6/91	RW	
	O) Attach Scope to Rifle				2/6/91	RW	
	P) Detach & Attach Scope 20 Times				2/6/91	RW	
640	Gallery Target & Test				2-6-91	NF	
	A) Time				"	NF	
	B) Malfunctions				"	NF	
	C) Pierced Primers				"	NF	
	D) Optical Clarity of Scope				"	NF	
645	Inspect for Live Ammo				2-6-91	NF	
655	Final Inspection						
	A) Headspace				2-26-91	AC	
	B) Trigger Pull	2.48	2.42	2.41	2.38	2.42	2/22/91
	C) Function				2-26-91	AC	
660	Pack				3-18-91	NF	

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50#+ .50#

3.00#+ .75#

4.00#+1.00#

SERIAL NO. C6594602

DATE 2-6-91

TESTER J.P.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.39	2.38	2.48	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.33	2.35	2.42	
PULL #3	2.35	2.40	2.30	2.41	
PULL #4	2.38	2.39	2.36	2.38	
PULL #5	2.35	2.37	2.30	2.42	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.21	3.50		
PULL #2	3.22	3.51		
PULL #3	3.40	3.16		
PULL #4	3.50	3.21		
PULL #5	3.49	3.43		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.26		4.23
PULL #2	4.24	4.26		4.32
PULL #3	4.24	4.28		4.19
PULL #4	4.25	4.26		4.33
PULL #5	4.26	4.25		4.22
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594602
7 Feb 1991

CENTROIDAL DISTANCES

Ø TO	1	.10819
1 TO	2	.194466
1 TO	3	.325386
1 TO	4	.476203
1 TO	5	.311416

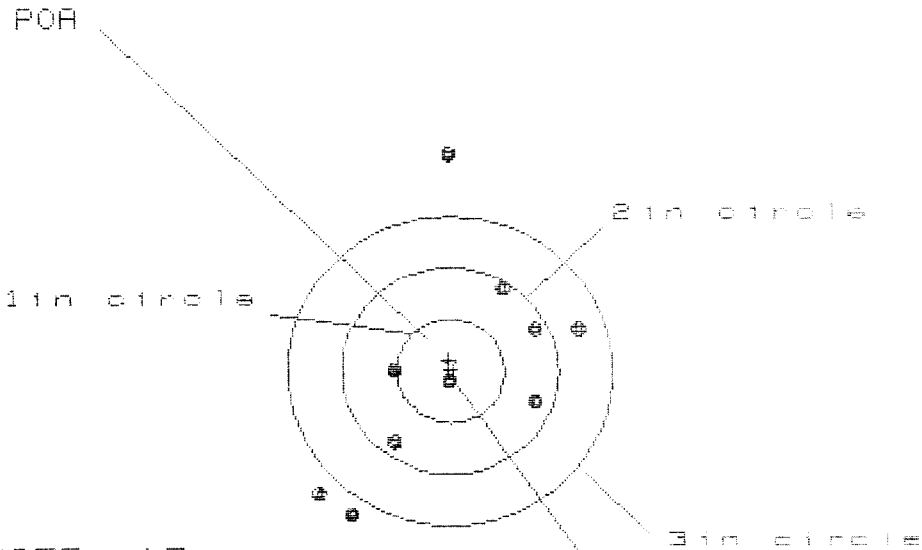
2.5
1.5 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0886
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1000
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .134204
THE AMR FOR THIS RIFLE IS: .9268

7 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C65346B2

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 7

HS = 0.444

VS = 0.507

GS = 0.610

CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.189	1.183	1.625
MINIMUM X	:	-1.255	-1.261	-1.079
MAXIMUM Y	:	2.112	1.046	.924
MINIMUM Y	:	-1.395	-1.160	-1.282
CENTROID X	:	.016	.022	.180
CENTROID Y	:	-.107	-.342	-.220
POA TO CENTROID in.	:	.108	.343	.284
MIN RADIUS	:	.097	.144	.190
MEAN RADIUS	:	1.090	.971	.875
MAX RADIUS	:	2.113	1.594	1.676
HORIZONTAL SPREAD	:	2.444	2.444	2.104
VERTICAL SPREAD	:	3.507	2.206	2.206
EXTREME SPREAD	:	3.610	2.903	2.730
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	

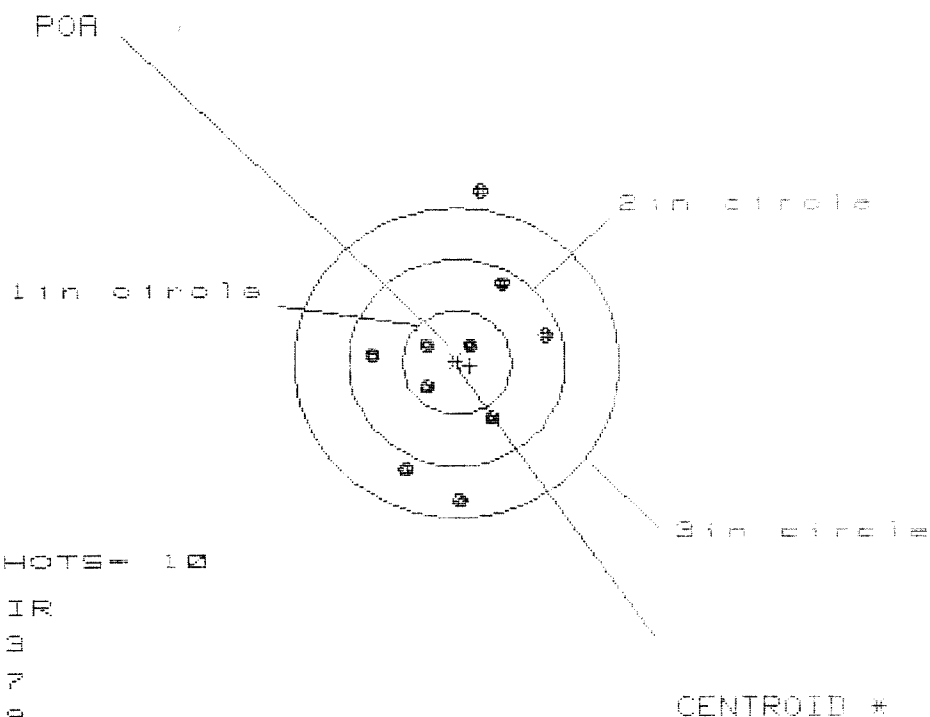
NUMBER IN THREE INCH CIRCLE =

7

7 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08594602

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS= 1.543

VS= 3.040

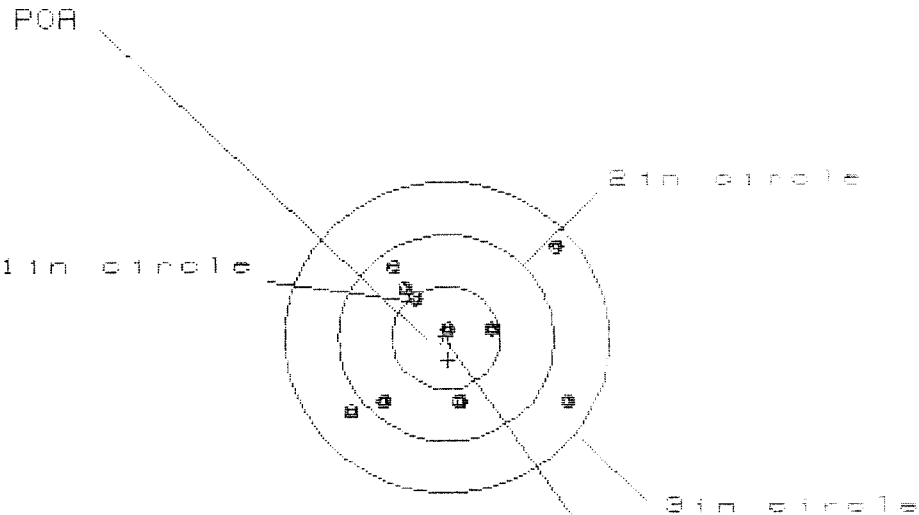
GS= 3.045

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.795	.816	.819
MINIMUM X	:	-.748	-.727	-.724
MAXIMUM Y	:	1.701	.933	.789
MINIMUM Y	:	-1.339	-1.150	-.953
CENTROID X	:	-.120	-.141	-.144
CENTROID Y	:	.032	-.157	-.013
POR TO CENTROID in.	:	.125	.211	.145
MIN RADIUS	:	.181	.210	.232
MEAN RADIUS	:	.802	.699	.621
MAX RADIUS	:	1.711	1.151	1.058
HORIZONTAL SPREAD	:	1.543	1.543	1.543
VERTICAL SPREAD	:	3.040	2.083	1.742
EXTREME SPREAD	:	3.045	2.121	1.955
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			9	

7 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08504602

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 1.971

VS= 1.531

GS= 2.422

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.123	1.238	.637
MINIMUM X	:	-.848	-.733	-.579
MAXIMUM Y	:	.855	.774	.711
MINIMUM Y	:	-.676	-.581	-.644
CENTROID X	:	-.014	-.129	-.284
CENTROID Y	:	.217	.122	.185
POA TO CENTROID in.	:	.218	.177	.338
MIN RADIUS	:	.092	.211	.284
MEAN RADIUS	:	.761	.700	.609
MAX RADIUS	:	1.338	1.335	.865
HORIZONTAL SPREAD	:	1.971	1.971	1.215
VERTICAL SPREAD	:	1.531	1.355	1.355
EXTREME SPREAD	:	2.422	2.042	1.449
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			7	

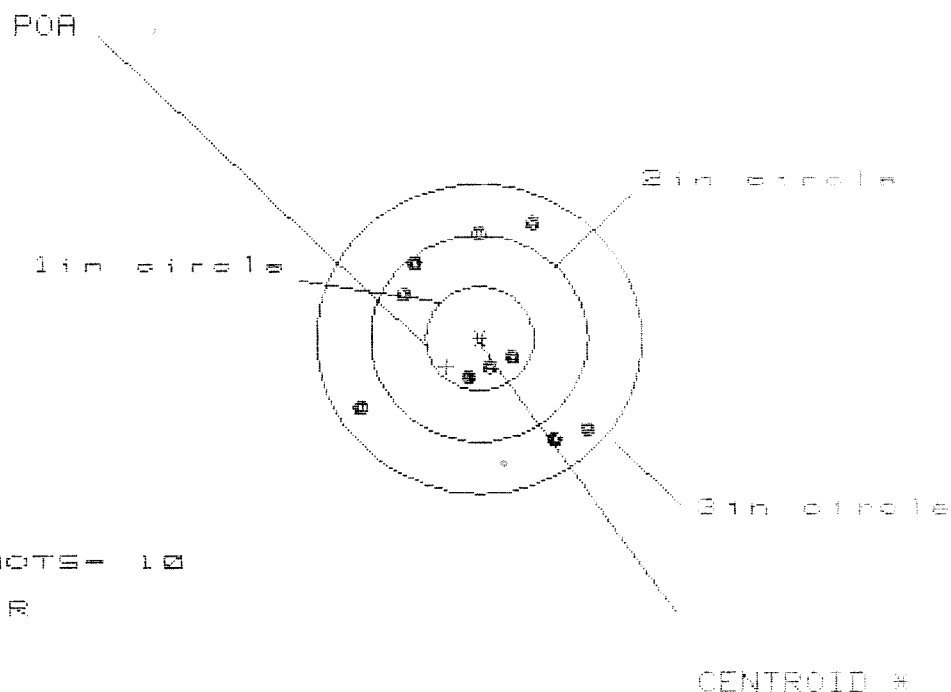
NUMBER IN THREE INCH CIRCLE =

10

7 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/085946B2

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 10

HS= 2.137

VS= 2.078

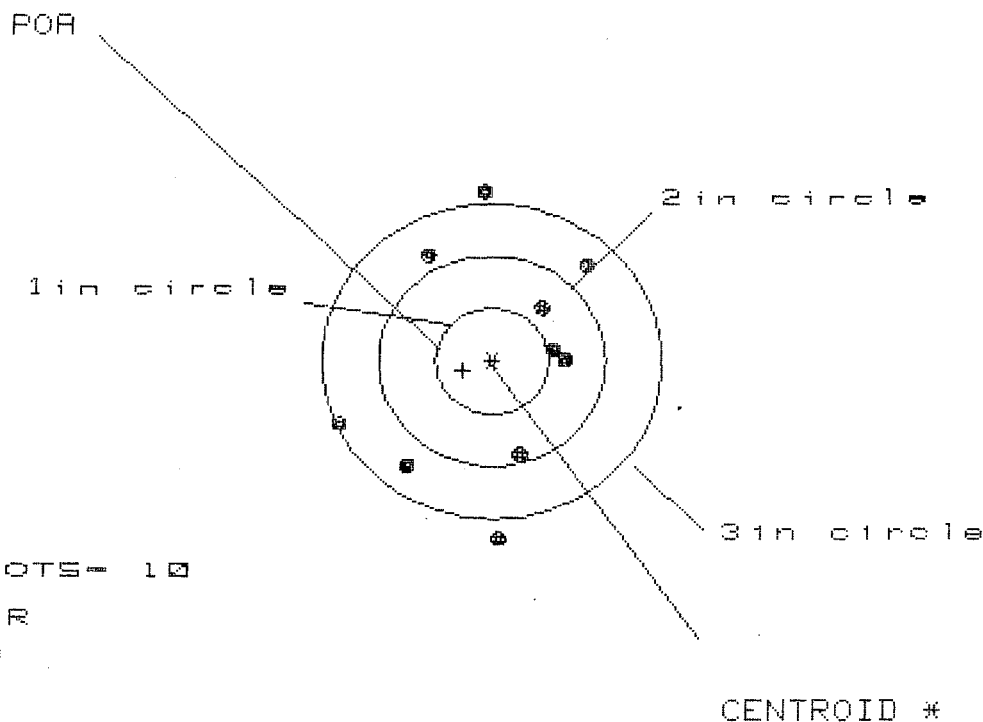
GS= 2.430

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.995	.868	.644
MINIMUM X	:	-1.142	-.831	-.722
MAXIMUM Y	:	1.104	1.030	.917
MINIMUM Y	:	-.974	-1.048	-1.160
CENTROID X	:	.303	.430	.321
CENTROID Y	:	.273	.347	.460
POA TO CENTROID in.	:	.407	.552	.561
MIN RADIUS	:	.235	.314	.418
MEAN RADIUS	:	.873	.827	.774
MAX RADIUS	:	1.324	1.251	1.327
HORIZONTAL SPREAD	:	2.137	1.699	1.366
VERTICAL SPREAD	:	2.078	2.078	2.078
EXTREME SPREAD	:	2.430	2.227	2.122
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

7 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594602

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS= 2.200

VS= 3.316

GS= 3.316

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.824	.827	.825
MINIMUM X	:	-1.376	-1.373	-1.375
MAXIMUM Y	:	1.647	1.461	.964
MINIMUM Y	:	-1.669	-1.193	-1.010
CENTROID X	:	.258	.255	.257
CENTROID Y	:	.089	.275	.092
POA TO CENTROID in.	:	.273	.375	.273
MIN RADIUS	:	.525	.503	.525
MEAN RADIUS	:	1.108	1.028	.970
MAX RADIUS	:	1.669	1.577	1.497
HORIZONTAL SPREAD	:	2.200	2.200	2.200
VERTICAL SPREAD	:	3.316	2.654	1.974
EXTREME SPREAD	:	3.316	2.748	2.652
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	