

C6348813

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

M2400064807

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: **RE00092562** Serial: C6348813 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 2/7/2005 8:19:44 AM

Verify Repair

Address Information

Customer: ☒ Received From: Return To: ☐ Received From

Name: DEF DIST DEPOT ANNISTON DEF DIST DEPOT ANNISTON

Address 1: Address 2: PO Box: PO Box:

City: ANNISTON ANNISTON

State: AL Zip Code: 36201 4199 Country: US State: AL Zip Code: 36201 4199 Country: US

FFL

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: Fax: Email: Comments:

Received Condition: Good Condition Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Front and Rear Spt Base	1

Repair Search Refresh Close

nextj 2/7/2005 10:20 AM CAPS NUM INS SCPL

start 3 2

Serial Number: **C6348813**

Model: **M24 SWS**



RE00092562

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348813.___0

FILE DATE AND TIME: 04/20/2005 07:00

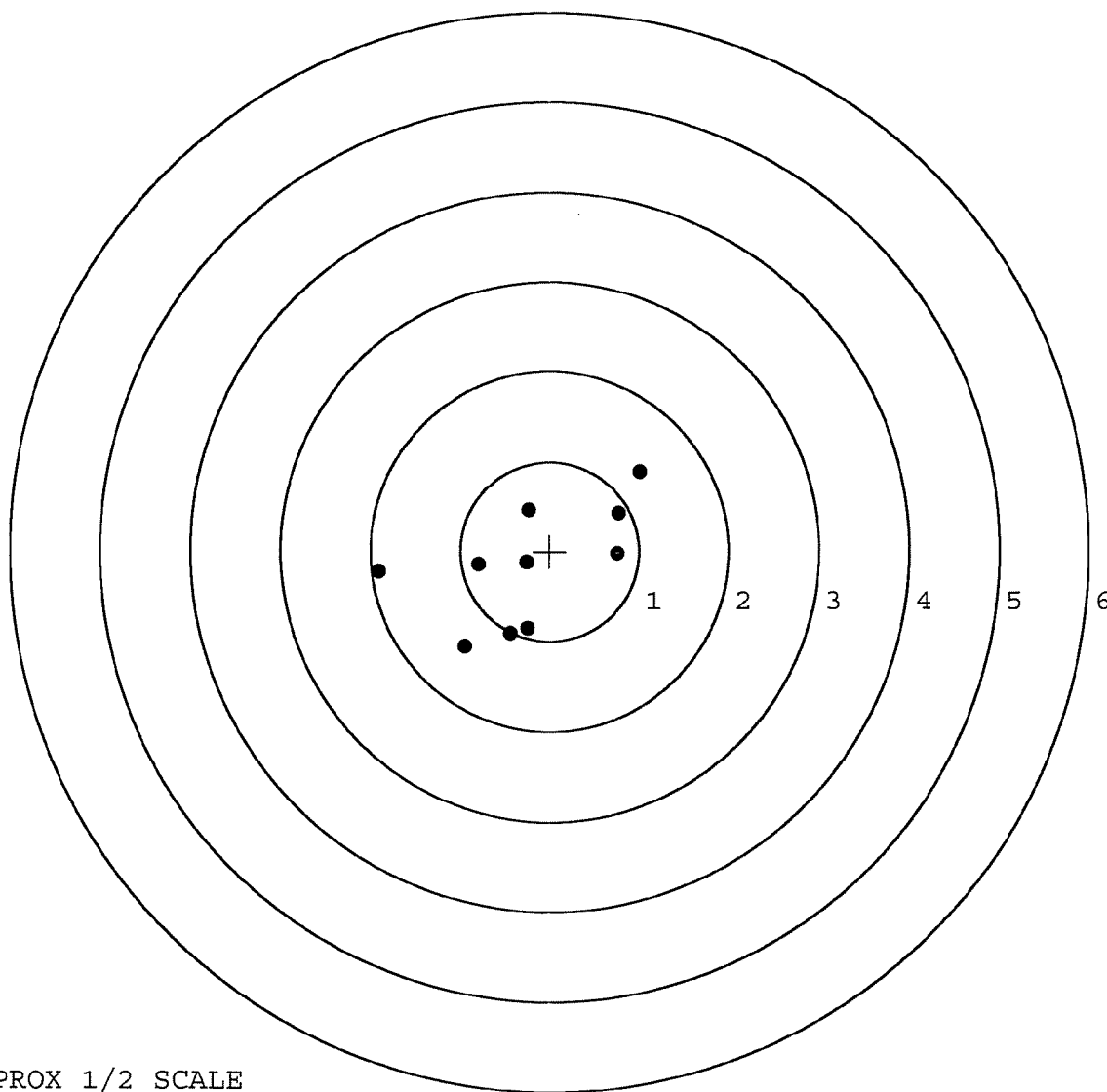
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.121
The Average Y Centroid of the Five Target Set:	-0.051
The Average Point of Impact of the Five Target Set:	0.132
The Average Mean Radius of the Five Target Set:	0.940
The Distance from POA to Centroid Target #1:	0.282
The Distance from Centroid Target #2 to Centroid Target #1:	0.212
The Distance from Centroid Target #3 to Centroid Target #1:	0.246
The Distance from Centroid Target #4 to Centroid Target #1:	0.495
The Distance from Centroid Target #5 to Centroid Target #1:	0.230

SERIAL NUMBER: C6348813.___0
TARGET NUMBER: 1
FILE DATE: 04/20/2005
FILE TIME: 07:00

POINT#	X	Y
1:	0.760	-0.030
2:	0.772	0.431
3:	1.011	-0.887
4:	-0.236	0.463
5:	-0.260	-0.128
6:	-0.798	-0.154
7:	-0.253	-0.865
8:	-0.441	-0.920
9:	-0.948	-1.070
10:	-1.907	-0.239

X CENTROID: -0.230
Y CENTROID: -0.163
POA TO CENTROID: 0.282
HORZ SPREAD: 2.918
VERT SPREAD: 1.957
GROUP SPREAD: 3.128
MIN RADIUS: 0.046
MAX RADIUS: 1.679
MEAN RADIUS: 0.935
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

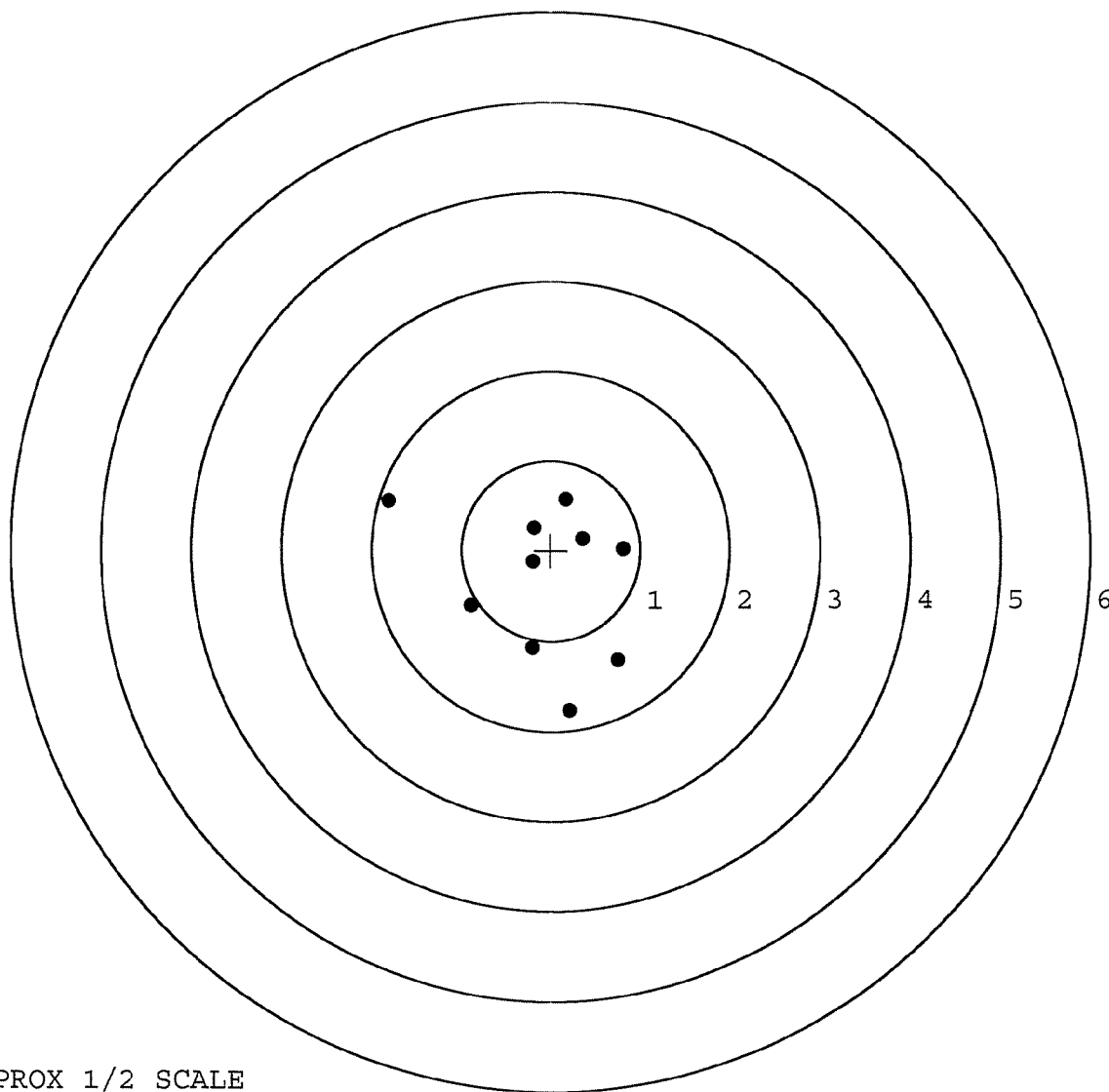


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348813.___0
TARGET NUMBER: 2
FILE DATE: 04/20/2005
FILE TIME: 07:00

POINT#	X	Y
1:	0.747	-1.212
2:	0.212	-1.773
3:	-0.207	-1.079
4:	-0.898	-0.616
5:	-1.808	0.547
6:	-0.204	-0.133
7:	-0.187	0.247
8:	0.167	0.570
9:	0.358	0.128
10:	0.809	0.019

X CENTROID: -0.101
Y CENTROID: -0.330
POA TO CENTROID: 0.345
HORZ SPREAD: 2.617
VERT SPREAD: 2.343
GROUP SPREAD: 3.102
MIN RADIUS: 0.222
MAX RADIUS: 1.919
MEAN RADIUS: 0.959
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

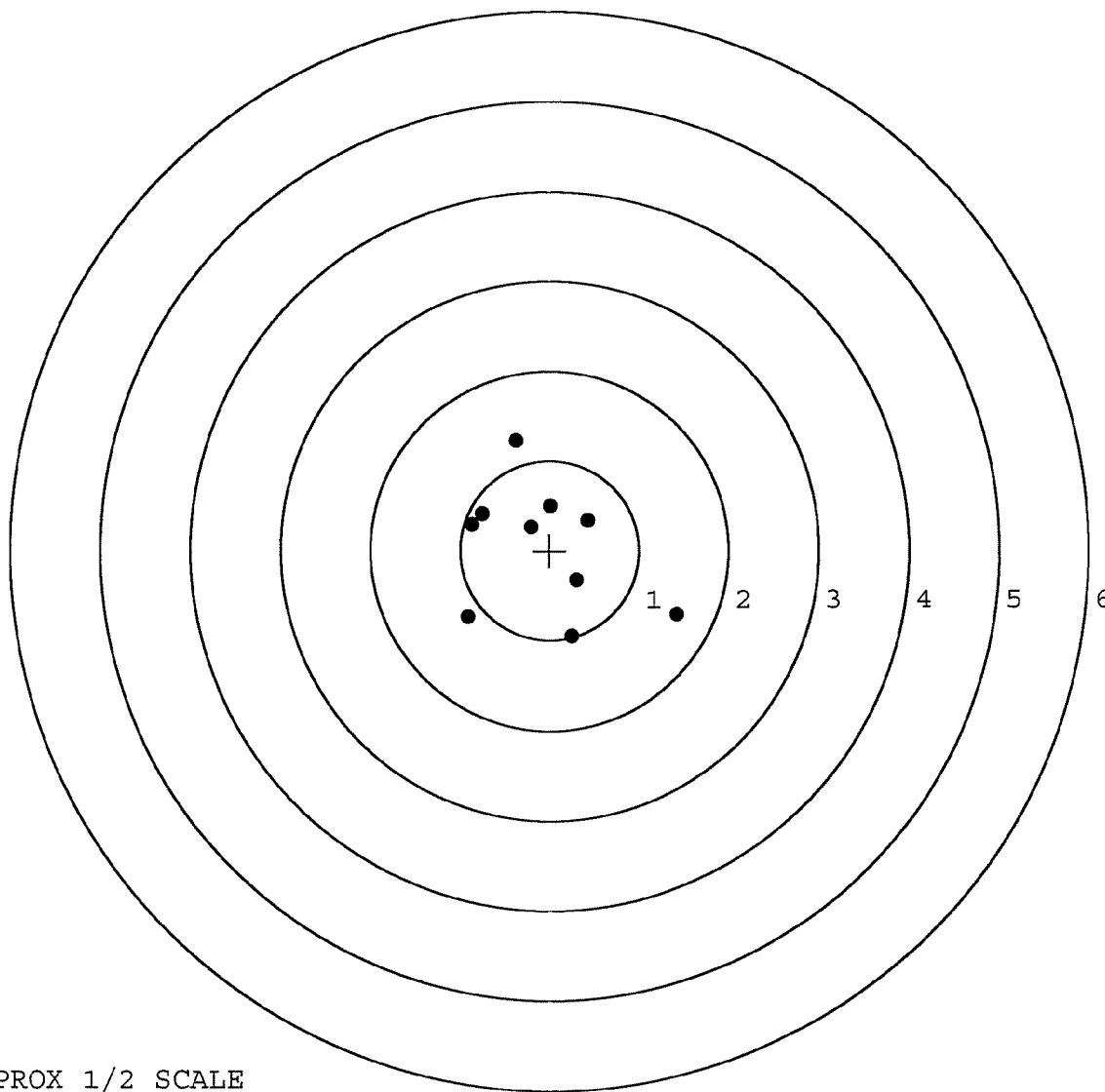


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348813.___0
TARGET NUMBER: 3
FILE DATE: 04/20/2005
FILE TIME: 07:00

POINT#	X	Y
1:	1.424	-0.721
2:	0.251	-0.963
3:	0.303	-0.337
4:	-0.914	-0.748
5:	-0.871	0.291
6:	-0.758	0.413
7:	-0.375	1.222
8:	-0.213	0.263
9:	0.012	0.496
10:	0.432	0.334

X CENTROID: -0.071
Y CENTROID: 0.025
POA TO CENTROID: 0.075
HORZ SPREAD: 2.338
VERT SPREAD: 2.185
GROUP SPREAD: 2.648
MIN RADIUS: 0.277
MAX RADIUS: 1.671
MEAN RADIUS: 0.859
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

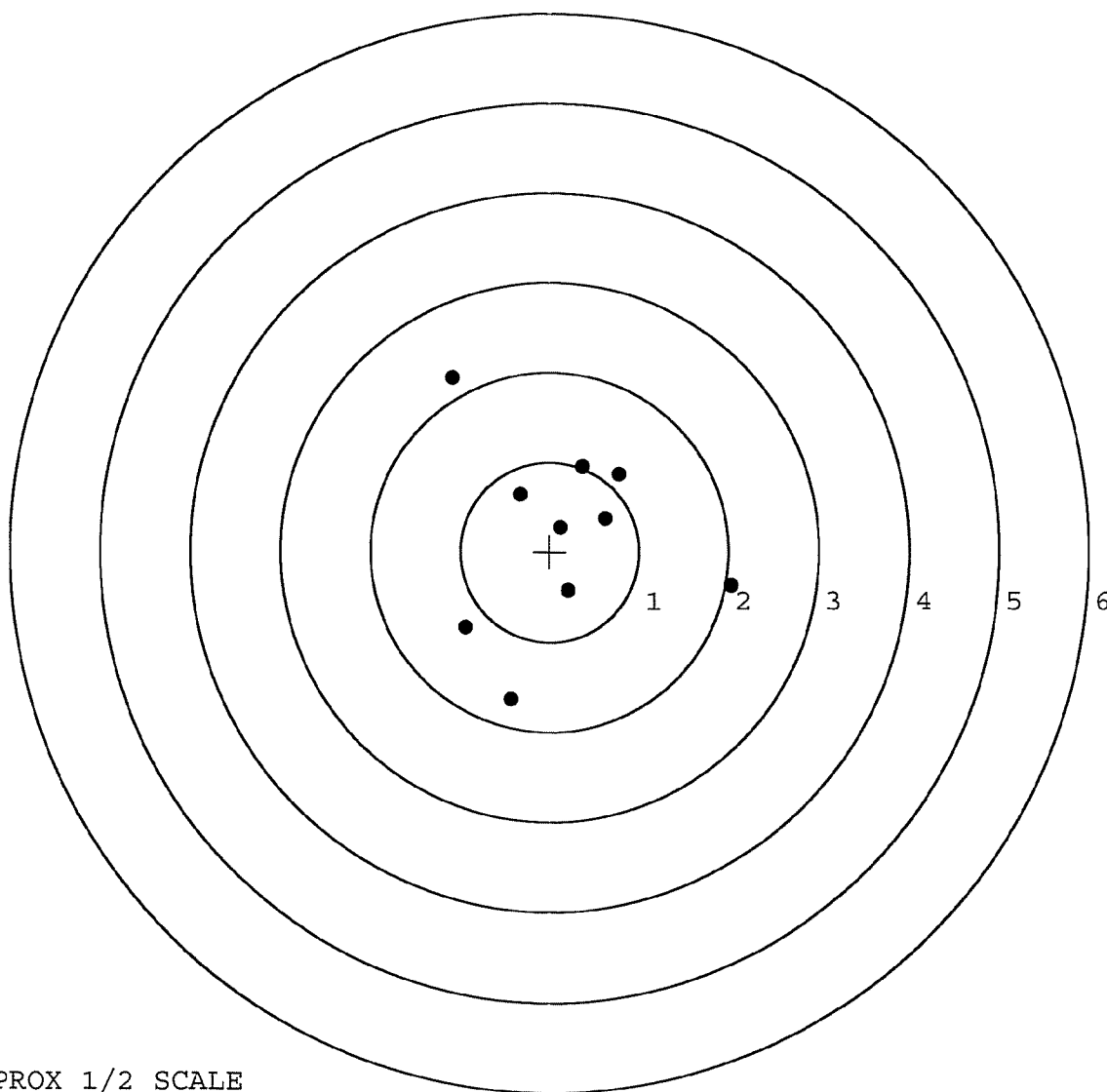


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348813. __0
TARGET NUMBER: 4
FILE DATE: 04/20/2005
FILE TIME: 07:00

X CENTROID: 0.135
Y CENTROID: 0.172
POA TO CENTROID: 0.218
HORZ SPREAD: 3.117
VERT SPREAD: 3.582
GROUP SPREAD: 3.887
MIN RADIUS: 0.099
MAX RADIUS: 2.147
MEAN RADIUS: 1.116
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	2.030	-0.385
2:	-0.435	-1.645
3:	-0.942	-0.842
4:	-1.087	1.937
5:	-0.331	0.636
6:	0.126	0.271
7:	0.209	-0.435
8:	0.624	0.370
9:	0.779	0.861
10:	0.373	0.951

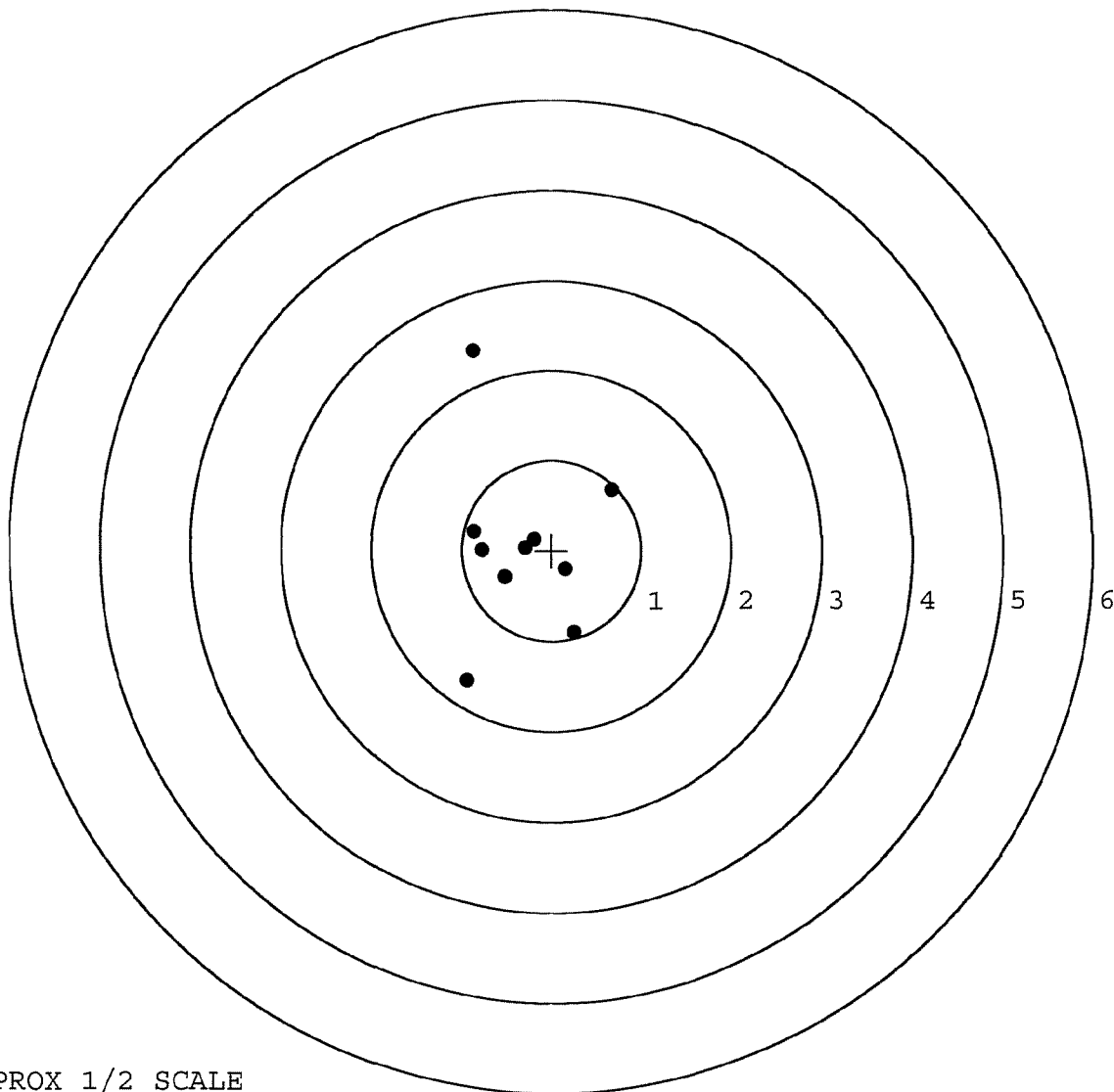


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348813. __0
TARGET NUMBER: 5
FILE DATE: 04/20/2005
FILE TIME: 07:00

POINT#	X	Y
1:	0.669	0.678
2:	-0.880	2.220
3:	0.156	-0.209
4:	0.258	-0.911
5:	-0.941	-1.440
6:	-0.197	0.121
7:	-0.298	0.028
8:	-0.525	-0.299
9:	-0.775	0.005
10:	-0.866	0.208

X CENTROID: -0.340
Y CENTROID: 0.040
POA TO CENTROID: 0.342
HORZ SPREAD: 1.610
VERT SPREAD: 3.660
GROUP SPREAD: 3.661
MIN RADIUS: 0.044
MAX RADIUS: 2.246
MEAN RADIUS: 0.830
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92562		
SERIAL NUMBER	C6348813		
LOG-IN DATE	2-7-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-15-05	RTZ
560 A	RE-BARREL	3-17-05	RTZ
B	DRILL AND TAP	3-21-05	TRW
575	ASSEMBLE	3-18-05	RTZ
600	PROOF	3-21-05	AC
605	CHECK HEADSPACE	3-21-05	RTZ
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER	3-23-05	CW
618	ROTO-BLAST	3/29	
620	APPLY COATINGS	4/5	HP
625 A	FINAL ASSEMBLY	4-19-05	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	4-20-05	AC
D	SAFETY "OFF" FORCE	4-20-05	AC
E	FIRING PIN INDENT	4-20-05	AC
640	TARGET	4-20-05	AC
655	FINAL INSPECT	4-20-05	AC
660	PACK	4-21-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington®



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

MODEL 700TM H24

SERIAL NO.
C6348813

ORDER NO.
5716

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

01



5716 C6348813

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348813

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 30	89	DW
600	Proof	8 30	89	DW
607	Check Headspace	8 30	89	DW
610	Dis-assemble Gun	8 30	89	DW
612	Magnaflux Barrel Action		8/31/89	KCR
	Magnaflux Bolt		8/31/89	KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes	9 1	89	FB
618	Polish Barrel RB	9 1	89	BT
620	Apply Coatings (Barrel Action)		9-7-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/26/89	DW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/26/89	RW
	C) Inspect Ejector Hole for Chamfer		9/26/89	RW
	D) Oil Firing Pin Ass'y		26 Sep 89	QIS
	E) Adjust Trigger Pull to Min Setting and Stake		26 Sep 89	QIS

op. #	OP. NAME	READINGS				DATE	INIT
625 cont.	F) Safety On Force	6	6	6		9/26/89	98
	G) Safety Off Force	3	3	3		9/26/89	98
	H) Trigger Pull Test & Retainability					26 Sep 89	98
	I) Firing Pin Indent	.0205	.021	.020		9/26/89	98
	J) Assemble Stock					9/27/89	RW
	K) Assemble Swivel Studs					29 Sep 89	98
	L) Attach Front and Rear Sight Assemblies					9/27/89	RW
	M) Iron Sight Alignment					9/27/89	RW
	N) Detach Front & Rear Sights & place in numbered container					9/27/89	RW
	O) Attach Scope to Rifle					9/27/89	98
	P) Detach & Attach Scope 20 Times					9/27/89	98
640	Gallery Target & Test					9-28-89	04
	A) Time					9-28-89	04
	B) Malfunctions					9-28-89	04
	C) Pierced Primers					9-28-89	04
	D) Optical Clarity of Scope					9-28-89	04
645	Inspect for Live Ammo					9-28-89	04
655	Final Inspection					29 Sep 89	98
	A) Headspace					29 Sep 89	98
	B) Trigger Pull	247	272	278	262	273	29 Sep 89
	C) Function					29 Sep 89	98
660	Pack					15 Oct 89	98

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C634 8813

DATE 3-10-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.39	2.40		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.32	2.43	2.32		
PULL #3	2.31	2.41	2.23		
PULL #4	2.34	2.31	2.42		
PULL #5	2.29	2.29	2.31		
TOTAL	11.69	11.83	11.68		
AVG.	2.338	2.366	2.336		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.54	3.50		
PULL #2	3.45	3.55		
PULL #3	3.49	3.53		
PULL #4	3.48	3.55		
PULL #5	3.41	3.48		
TOTAL	17.34	17.61		
AVG.	3.468	3.522		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.53	4.50		4.47
PULL #2	4.49	4.47		4.49
PULL #3	4.51	4.51		4.39
PULL #4	4.45	4.40		4.49
PULL #5	4.55	4.38		4.49
TOTAL	22.53	22.26		22.33
AVG.	4.506	4.452		4.466

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348813
28 Sep 1989

CENTROIDAL DISTANCES

0 TO	1	.587715
1 TO	2	.807458
1 TO	3	.534133
1 TO	4	.562673
1 TO	5	.906259

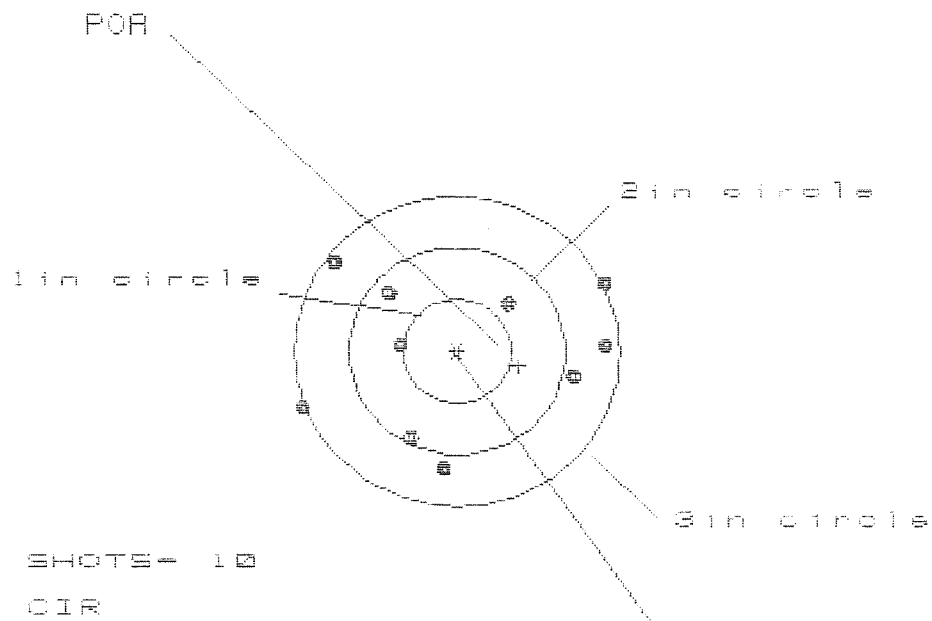
1 $\frac{4}{5}$ $\leftarrow$ ----POA
2

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0986
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0632
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .110465
THE AMR FOR THIS RIFLE IS: 1.28

28 Sep 1983

FILE:/PATTERNING/CENTERFIRE_PATT/C8346813

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS= 2.875

VS= 1.995

ES= 3.107

CENTROID #

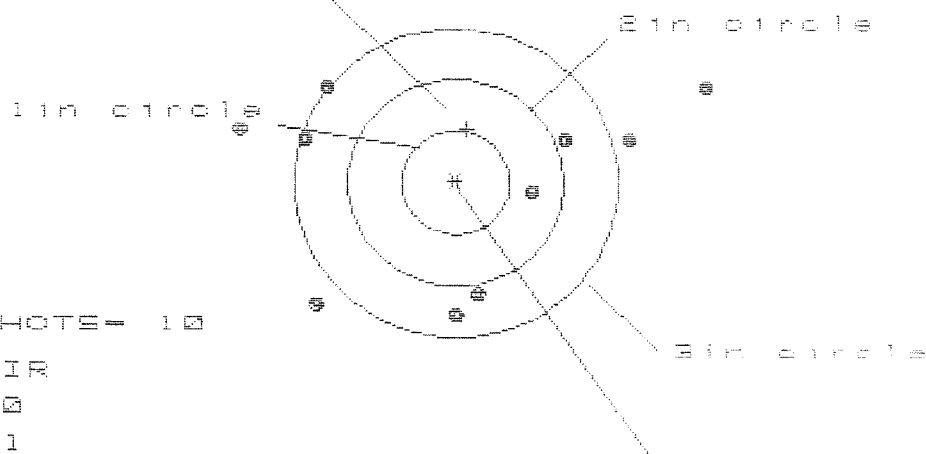
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.405	1.509	1.344
MINIMUM X	-1.470	-1.314	-1.137
MAXIMUM Y	.887	.962	.909
MINIMUM Y	-1.108	-1.033	-1.086
CENTROID X	-.572	-.728	-.563
CENTROID Y	.135	.060	.113
POR TO CENTROID in.	.587	.730	.575
MIN RADIUS	.566	.431	.577
MEAN RADIUS	1.107	1.037	.995
MAX RADIUS	1.560	1.517	1.456
HORIZONTAL SPREAD	2.875	2.823	2.481
VERTICAL SPREAD	1.995	1.995	1.995
EXTREME SPREAD	3.107	2.882	2.609
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

26 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8348813

CENTERFIRE PATTERNS # 2

FOR



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 1

3 in = 5

HS = 4.236

VS = 2.192

GS = 4.255

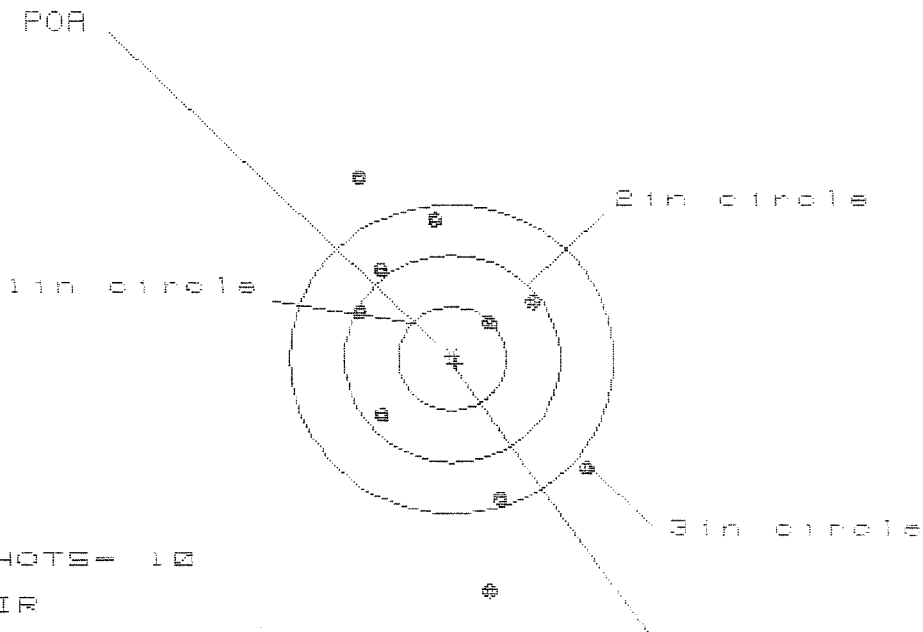
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.280	1.886	1.674
MINIMUM X	:	-1.956	-1.703	-1.320
MAXIMUM Y	:	.900	.988	1.063
MINIMUM Y	:	-1.292	-1.192	-1.117
CENTROID X	:	-.104	-.357	-.145
CENTROID Y	:	-.523	-.623	-.698
FOR TO CENTROID in.	:	.534	.719	.713
MIN RADIUS	:	.699	.950	.745
MEAN RADIUS	:	1.505	1.390	1.307
MAX RADIUS	:	2.451	1.949	1.767
HORIZONTAL SPREAD	:	4.236	3.589	2.994
VERTICAL SPREAD	:	2.192	2.180	2.180
EXTREME SPREAD	:	4.255	3.591	3.326
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		1	
NUMBER IN THREE INCH CIRCLE	=		5	

26 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B013

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 0

2in = 3

3in = 7

HS= 2.147

VS= 3.953

GS= 4.118

CENTROID #

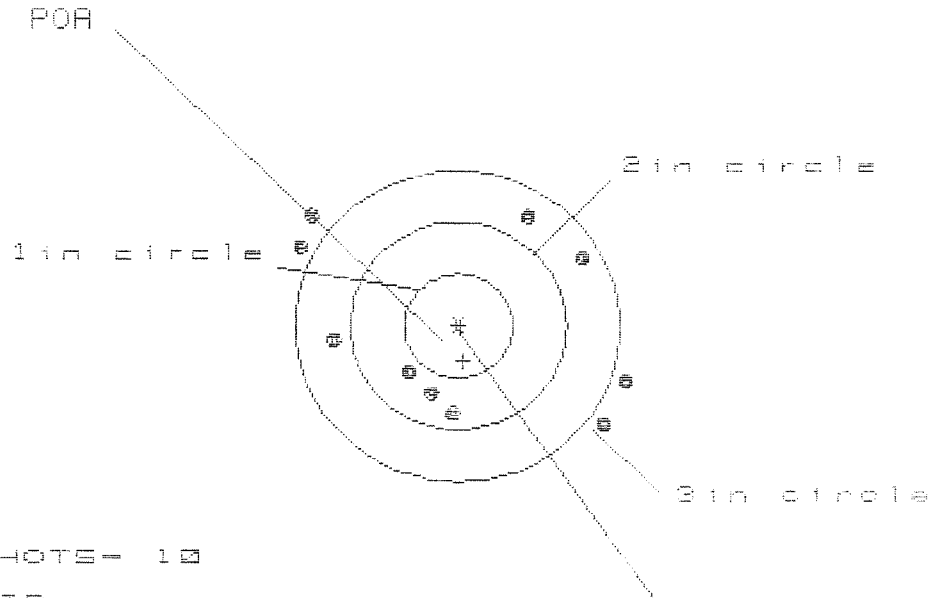
PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.264	1.298	1.196
MINIMUM X	-.883	-.849	-.952
MAXIMUM Y	1.704	1.455	1.261
MINIMUM Y	-2.248	-1.645	-1.464
CENTROID X	-.045	-.079	.024
CENTROID Y	.048	.298	.116
POR TO CENTROID in.	.066	.309	.119
MIN RADIUS	.529	.430	.433
MEAN RADIUS	1.291	1.137	1.001
MAX RADIUS	2.269	1.838	1.639
HORIZONTAL SPREAD	2.147	2.147	2.147
VERTICAL SPREAD	3.953	3.100	2.725
EXTREME SPREAD	4.118	3.475	2.794
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

28 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C634B813

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 6

HS= 3.017

VS= 2.036

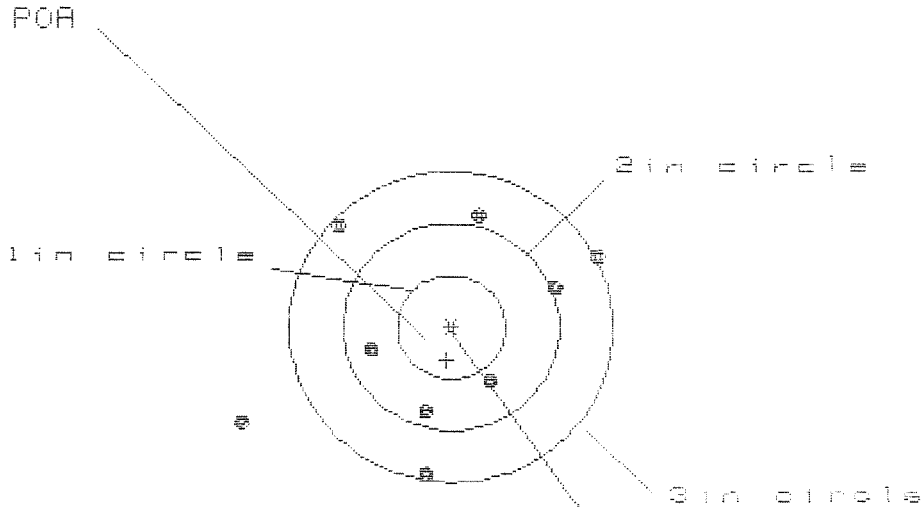
CS= 3.339

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.588	1.448	1.333
MINIMUM X	-1.429	-1.577	-1.397
MAXIMUM Y	1.075	1.151	1.098
MINIMUM Y	-0.961	-0.842	-0.895
CENTROID X	-0.848	.100	-0.880
CENTROID Y	.340	.221	.274
POA TO CENTROID in.	.343	.242	.286
MIN RADIUS	.620	.621	.549
MEAN RADIUS	1.244	1.178	1.116
MAX RADIUS	1.710	1.784	1.606
HORIZONTAL SPREAD	3.017	3.017	2.730
VERTICAL SPREAD	2.036	1.993	1.993
EXTREME SPREAD	3.339	3.271	3.204
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		6	

26 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348813

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 7

HS= 3.391

VS= 2.523

GS= 3.756

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.405	1.184	1.286
MINIMUM X	:	-1.986	-1.294	-1.145
MAXIMUM Y	:	1.090	.990	1.068
MINIMUM Y	:	-1.433	-1.533	-1.455
CENTROID X	:	.042	.263	.114
CENTROID Y	:	.316	.416	.338
POA TO CENTROID in.	:	.319	.492	.357
MIN RADIUS	:	.660	.669	.644
MEAN RADIUS	:	1.254	1.134	1.098
MAX RADIUS	:	2.178	1.605	1.492
HORIZONTAL SPREAD	:	3.391	2.478	2.432
VERTICAL SPREAD	:	2.523	2.523	2.523
EXTREME SPREAD	:	3.756	2.718	2.670
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	