

C6349015

MODEL 700™ M24

Model **SMS**™

Action _____

Barrel Length _____

Capacity _____

Order No. **5716**

*Includes 1 in chamber.



Repair Inquiry

Repair Number: **RE00124472** Serial: **C6349015** Model **M24 SWS** Center Fire Repairman: _____
 Verify Repair Status: **New 1/30/2007 9:51:29 AM**

Address Information

Customer: _____ ☒ Received From Return To: _____ ☐ Received From
 Name: **USPFO FOR COLORADO** **USPFO FOR COLORADO**
 Address 1: **1181 KILMER STREET** **1181 KILMER STREET**
 Address 2: _____ PD Box: _____ _____ PD Box: _____
 City: **GOLDEN** **GOLDEN**
 State: **CO** Zip Code: **80401** Country: **US** State: **CO** Zip Code: **80401** 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 <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>A026</td> <td>Scope</td> <td>1</td> </tr> <tr> <td>A057</td> <td>Fit and Rear Sgt Base</td> <td>2</td> </tr> </tbody> </table>			Code	Desc	Qty	A007	With Stud	3	A010	Hard Case	1	A017	Scope Base	1	A026	Scope	1	A057	Fit and Rear Sgt Base	2
Code	Desc	Qty																				
A007	With Stud	3																				
A010	Hard Case	1																				
A017	Scope Base	1																				
A026	Scope	1																				
A057	Fit and Rear Sgt Base	2																				

Repair Search Refresh Close

naglelj 1/30/2007 11:03 AM CAPS NUM INS SCRL

Start 2 Mic... Arms S... Part S... 3 Int... 5 Mic... Travel 11:03 AM

Serial Number: **C6349015**
 Model: **M24 SWS**

RE00124472

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349015.___0
FILE DATE AND TIME: 03/02/2007 23:04

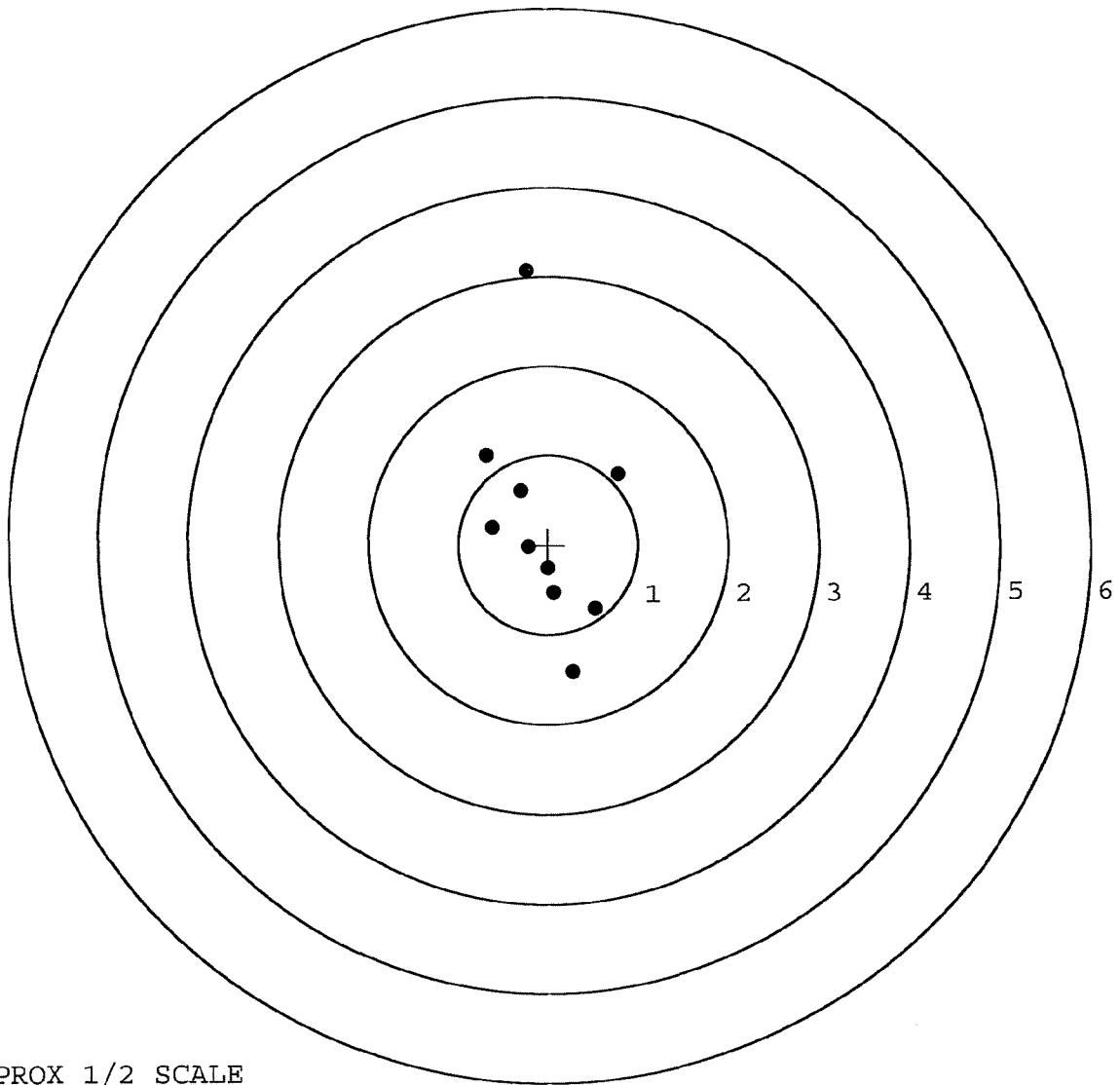
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.044
The Average Y Centroid of the Five Target Set:	-0.014
The Average Point of Impact of the Five Target Set:	0.046
The Average Mean Radius of the Five Target Set:	0.885
The Distance from POA to Centroid Target #1:	0.271
The Distance from Centroid Target #2 to Centroid Target #1:	0.698
The Distance from Centroid Target #3 to Centroid Target #1:	0.403
The Distance from Centroid Target #4 to Centroid Target #1:	0.156
The Distance from Centroid Target #5 to Centroid Target #1:	0.251

SERIAL NUMBER: C6349015.___0
TARGET NUMBER: 1
FILE DATE: 03/02/2007
FILE TIME: 23:04

POINT#	X	Y
1:	-0.682	0.997
2:	-0.295	0.606
3:	-0.618	0.200
4:	-0.226	-0.024
5:	0.005	-0.266
6:	0.063	-0.536
7:	0.524	-0.715
8:	0.275	-1.426
9:	0.789	0.781
10:	-0.231	3.066

X CENTROID: -0.040
Y CENTROID: 0.268
POA TO CENTROID: 0.271
HORZ SPREAD: 1.471
VERT SPREAD: 4.492
GROUP SPREAD: 4.520
MIN RADIUS: 0.347
MAX RADIUS: 2.804
MEAN RADIUS: 1.031
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 8

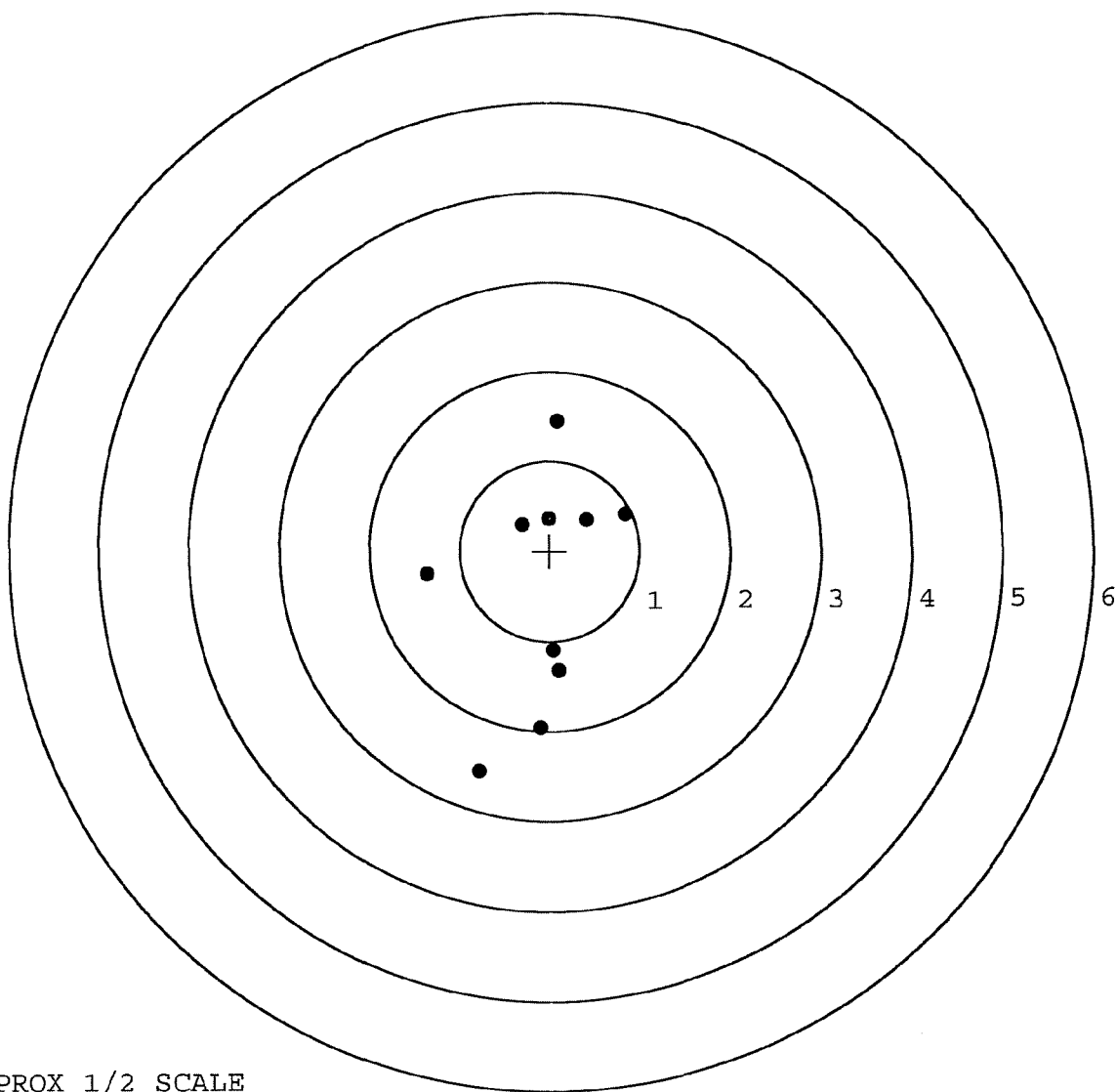


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349015. __0
TARGET NUMBER: 2
FILE DATE: 03/02/2007
FILE TIME: 23:04

POINT#	X	Y
1:	-1.364	-0.255
2:	0.098	1.440
3:	-0.296	0.292
4:	0.001	0.356
5:	0.417	0.342
6:	0.844	0.404
7:	0.044	-1.101
8:	0.106	-1.328
9:	-0.103	-1.973
10:	-0.793	-2.448

X CENTROID: -0.105
Y CENTROID: -0.427
POA TO CENTROID: 0.440
HORZ SPREAD: 2.208
VERT SPREAD: 3.888
GROUP SPREAD: 3.989
MIN RADIUS: 0.690
MAX RADIUS: 2.135
MEAN RADIUS: 1.217
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349015. __0

TARGET NUMBER: 3

FILE DATE: 03/02/2007

FILE TIME: 23:04

X CENTROID: -0.107

Y CENTROID: -0.129

POA TO CENTROID: 0.168

HORZ SPREAD: 1.440

VERT SPREAD: 3.049

GROUP SPREAD: 3.169

MIN RADIUS: 0.334

MAX RADIUS: 1.671

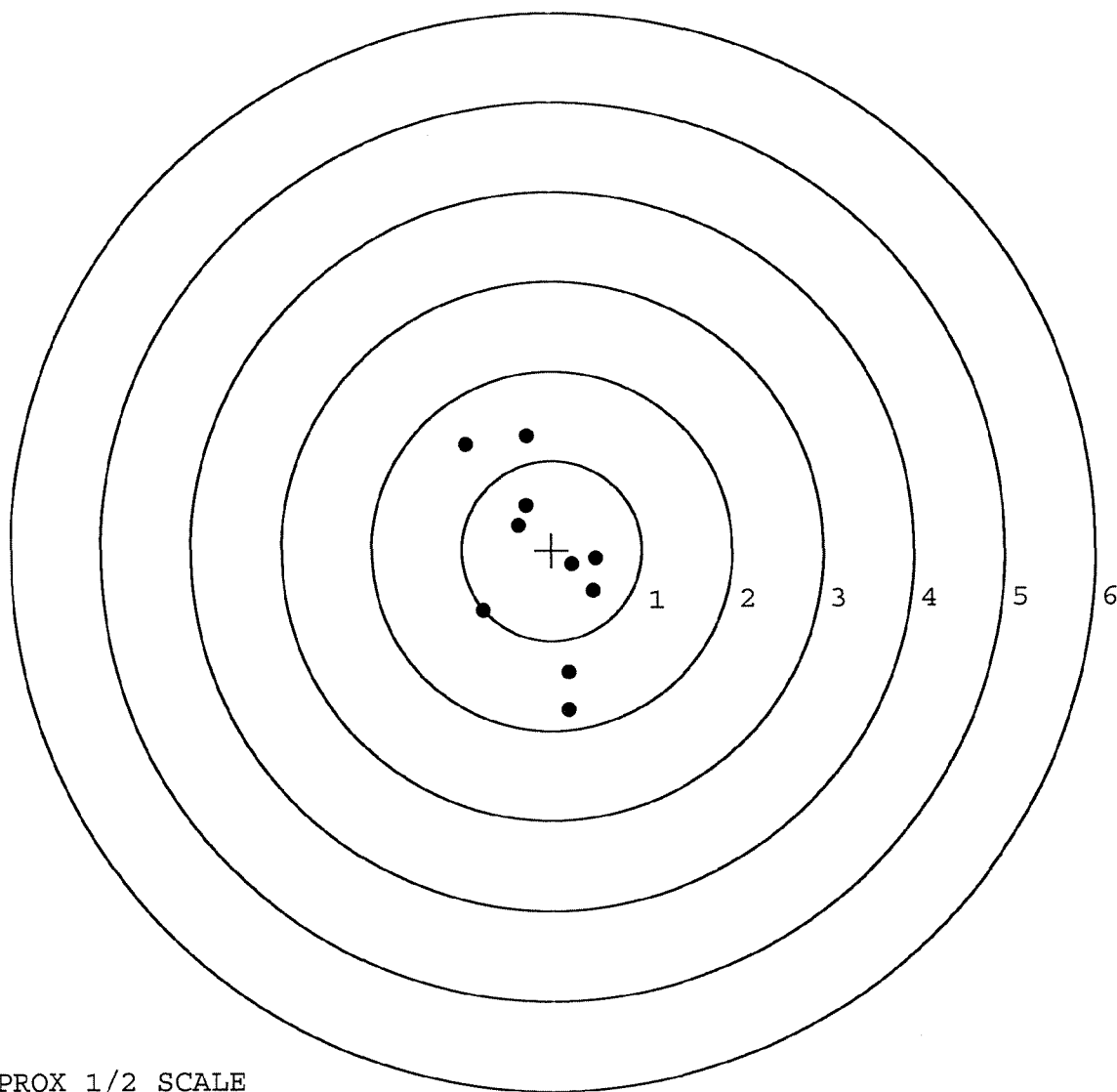
MEAN RADIUS: 0.947

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.225	-0.162
2:	0.489	-0.097
3:	0.465	-0.455
4:	0.187	-1.354
5:	0.190	-1.774
6:	-0.765	-0.673
7:	-0.361	0.269
8:	-0.278	0.495
9:	-0.272	1.275
10:	-0.951	1.182

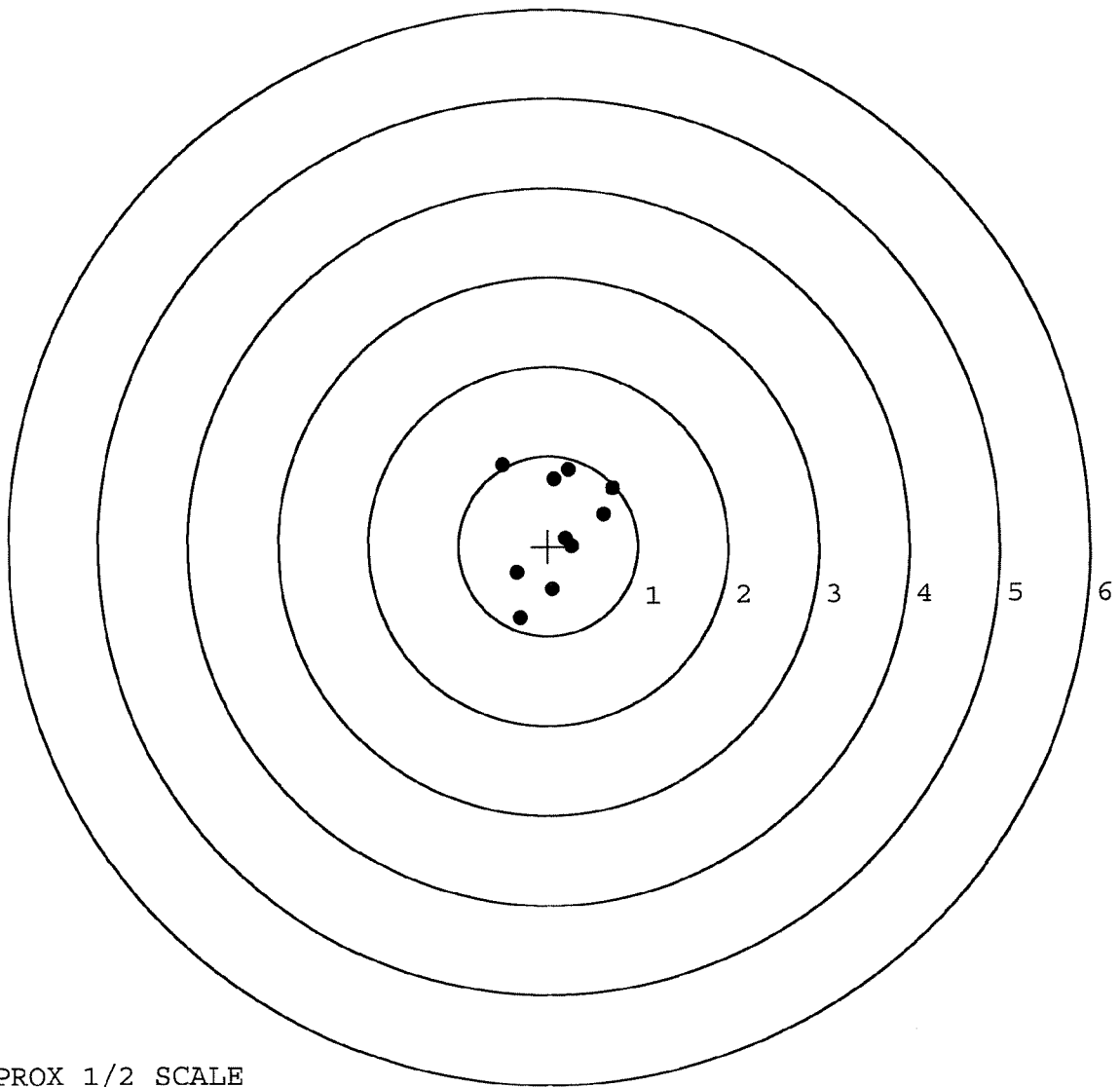


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349015. __0
TARGET NUMBER: 4
FILE DATE: 03/02/2007
FILE TIME: 23:04

X CENTROID: 0.100
Y CENTROID: 0.200
POA TO CENTROID: 0.224
HORZ SPREAD: 1.237
VERT SPREAD: 1.709
GROUP SPREAD: 1.783
MIN RADIUS: 0.145
MAX RADIUS: 1.086
MEAN RADIUS: 0.631
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.512	0.905
2:	0.078	0.741
3:	0.235	0.850
4:	0.725	0.646
5:	0.633	0.360
6:	0.194	0.090
7:	0.266	-0.002
8:	0.050	-0.486
9:	-0.312	-0.804
10:	-0.352	-0.298



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349015. __0

TARGET NUMBER: 5

FILE DATE: 03/02/2007

FILE TIME: 23:04

POINT#	X	Y
1:	0.332	1.009
2:	0.500	0.676
3:	0.183	0.360
4:	-0.121	0.124
5:	-0.451	0.031
6:	-0.978	-0.046
7:	-0.369	-0.547
8:	-0.073	-0.736
9:	0.034	-0.245
10:	0.264	-0.433

X CENTROID: -0.068

Y CENTROID: 0.019

POA TO CENTROID: 0.071

HORZ SPREAD: 1.478

VERT SPREAD: 1.745

GROUP SPREAD: 1.791

MIN RADIUS: 0.117

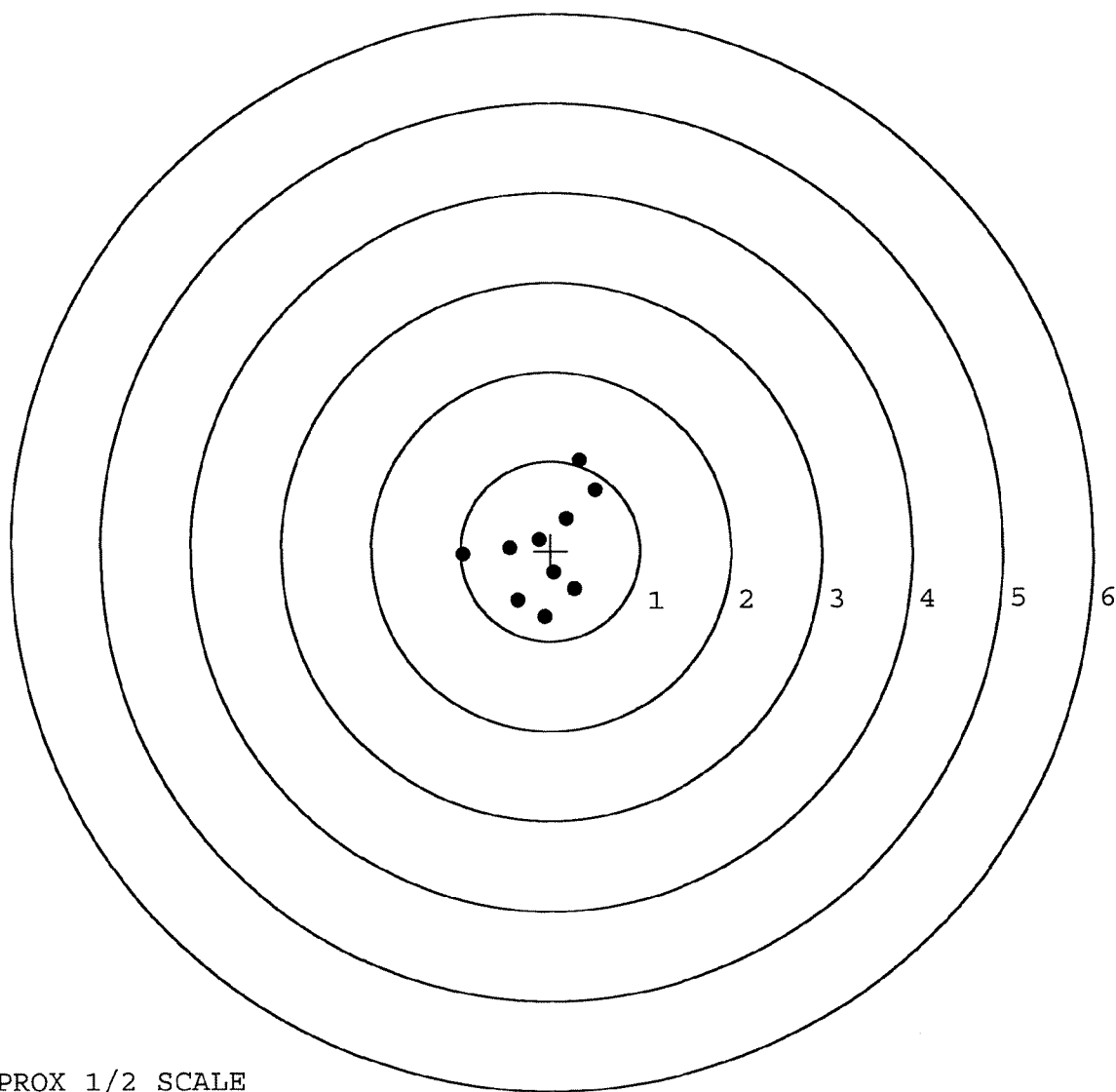
MAX RADIUS: 1.067

MEAN RADIUS: 0.601

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	124472			
SERIAL NUMBER	C634915 C6349015			
LOG-IN DATE	1-30-07			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		2-6-07	RTZ
505	RE-BARREL		2-7-07	RTZ
560	ASSEMBLE		2-7-07	RTZ
600	PROOF		2-7-07	Fm
605	CHECK HEADSPACE	INSPECTED	2-7-07	Fm
610	DIS-ASSEMBLE GUN	FEB 13 2007	2-7-07	RTZ
612	MAGNAFLUX	OPERATOR (LPI)	2-13-07	APD
510	DRILL AND TAP		2-12-07	TRW
615	ROLLMARK CALIBER		2-13-07	CW
618	ROTO-BLAST		2-13-07	LB
620	APPLY COATINGS		2-19-07	WJ
625	FINAL ASSEMBLY		3-2-07	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	3-2-07	non
650	TARGET	(PASS) FAIL	3-2-07	non
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		3/6/07	non
	A) HEADSPACE	(PASS) FAIL	3/6/07	non
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.25 2.33 2.33 2.24 2.25 3/6/07	non
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	4° 4° 4° 3/6/07	non
	G) SAFETY OFF FORCE	2 LBS MIN	3° 3° 3° 3/6/07	non
	I) FIRING PIN INDENT	.020	.024 .024 .024 3/6/07	non
690	PACK		3-9-07	DA

Remington® **DUPONT**
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.

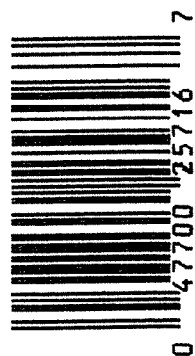
VERY IMPORTANT:
 Instruction Book
 enclosed to assure
 safe use of this
 firearm.

SERIAL NO. C6349015	01
ORDER NO. 5716	



5716 C6349015

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349015

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 12	90	RW
600	Proof	4 12	90	A
607	Check Headspace	4 12	90	A
610	Dis-assemble Gun	4 12	90	RW
612	Magnaflux Barrel Action	4-19-90		KCR
	Magnaflux Bolt	4-19-90		KCR
615	Rollmark Caliber	4-19-90		SL
617	Drill and Tap Sight Holes		4/23/90	FB
618	Polish Barrel RB		4/24/90	WB
620	Apply Coatings (Barrel Action)		4-30-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/1/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/90	RW
	C) Inspect Ejector Hole for Chamfer		5/1/90	RW
	D) Oil Firing Pin Ass'y		5/1/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/15/90	SL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			5/15/90	gcl
	G) Safety Off Force	2	2	2			5/15/90	gcl
	H) Trigger Pull Test & Retainability						5/18/90	gcl
	I) Firing Pin Indent	.0225	.0235	.023			5/15/90	gcl
	J) Assemble Stock						5/17/90	RW
	K) Assemble Swivel Studs						25 May 90	JS
	L) Attach Front and Rear Sight Assemblies						5/17/90	RW
	M) Iron Sight Alignment						5/17/90	RW
	N) Detach Front & Rear Sights & place in numbered container						5/17/90	RW
	O) Attach Scope to Rifle						5/17/90	gcl
	P) Detach & Attach Scope 20 Times						5/17/90	gcl
640	Gallery Target & Test						5-17-90	AC
	A) Time						5-17-90	AC
	B) Malfunctions						5-17-90	AC
	C) Pierced Primers						5-17-90	AC
	D) Optical Clarity of Scope						5-17-90	AC
645	Inspect for Live Ammo						5-17-90	AC
655	Final Inspection							
	A) Headspace						25 May 90	JS
	B) Trigger Pull	2.16	2.19	2.17	2.16	2.16	5/21/90	W3
	C) Function						25 May 90	JS
660	Pack						6-19-90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 06349015

DATE 5-15-90

TESTER JRC

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.53	2.49	2.29	2.16	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.46	2.43	2.19	2.19	
PULL #3	2.36	2.27	2.13	2.17	
PULL #4	2.43	2.34	2.27	2.16	
PULL #5	2.43	2.39	2.29	2.16	
TOTAL	12.21	11.92	11.17		
AVG.	2.442	2.384	2.234		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.35	3.27		
PULL #2	3.26	3.24		
PULL #3	3.30	3.25		
PULL #4	3.23	3.27		
PULL #5	3.24	3.35		
TOTAL	16.38	16.38		
AVG.	3.276	3.276		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.17		4.27
PULL #2	4.22	4.15		4.17
PULL #3	4.15	4.22		4.17
PULL #4	4.25	4.31		4.37
PULL #5	4.23	4.19		4.40
TOTAL	21.05	21.04		21.38
AVG.	4.21	4.208		4.27

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349015
18 May 1990

CENTROIDAL DISTANCES

0 TO	1	.148098
1 TO	2	.405079
1 TO	3	.127122
1 TO	4	.207576
1 TO	5	.419677

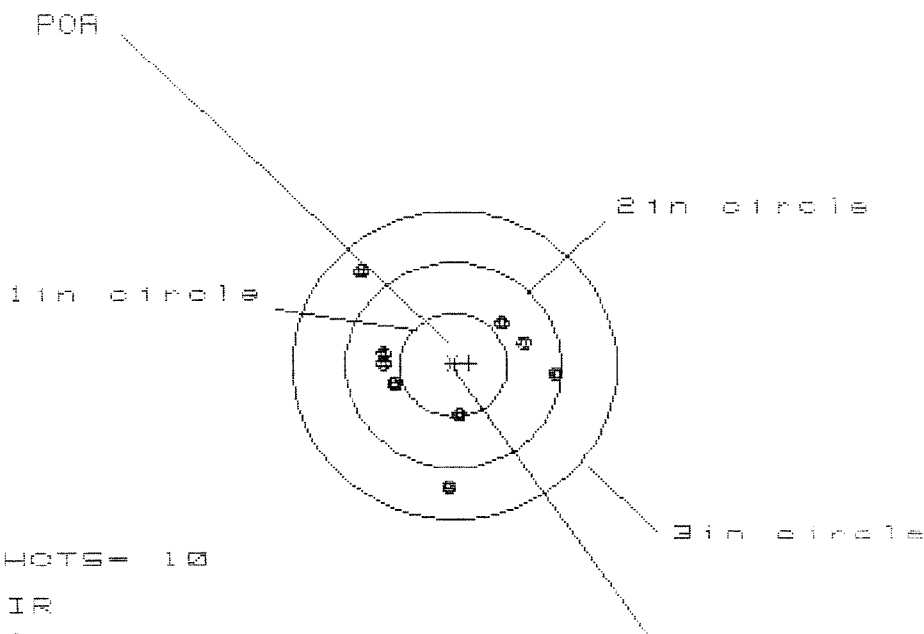
⁵
2nd <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2154
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0836
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .231054
THE AMR FOR THIS RIFLE IS: .8412

16 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349015

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 8

3in = 10

HS= 1.774

VS= 2.066

GS= 2.213

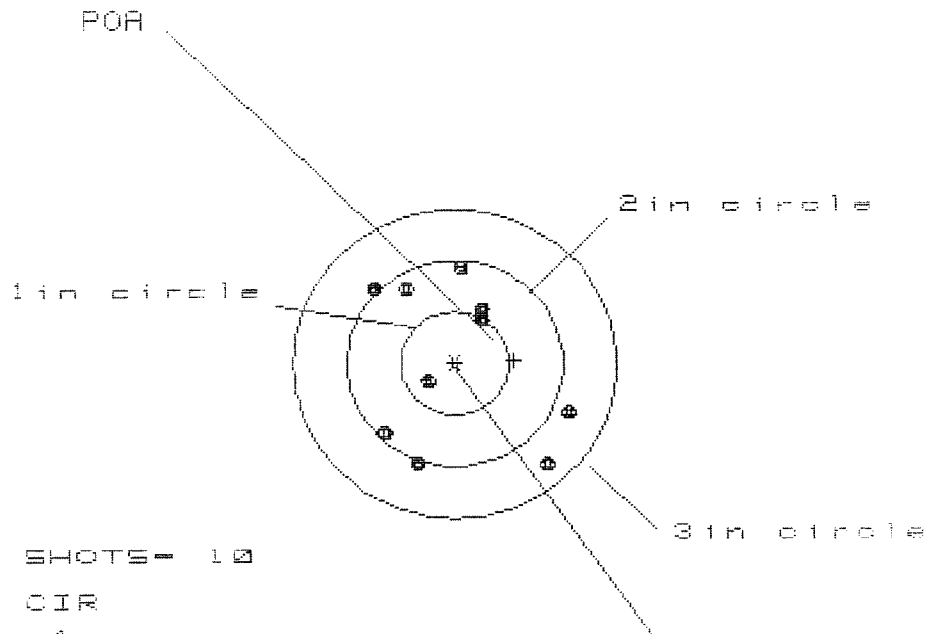
CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.944	.852	.836
MINIMUM X	:	-.830	-.739	-.755
MAXIMUM Y	:	.904	.514	.381
MINIMUM Y	:	-1.162	-1.061	-.481
CENTROID X	:	-.147	-.055	-.039
CENTROID Y	:	-.018	-.119	.014
POA TO CENTROID in.	:	.148	.131	.041
MIN RADIUS	:	.453	.349	.483
MEAN RADIUS	:	.756	.695	.637
MAX RADIUS	:	1.227	1.069	.849
HORIZONTAL SPREAD	:	1.774	1.591	1.591
VERTICAL SPREAD	:	2.066	1.575	.862
EXTREME SPREAD	:	2.213	1.649	1.608
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

18 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349015

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 10

HS= 1.884

VS= 1.891

GS= 2.368

CENTROID #

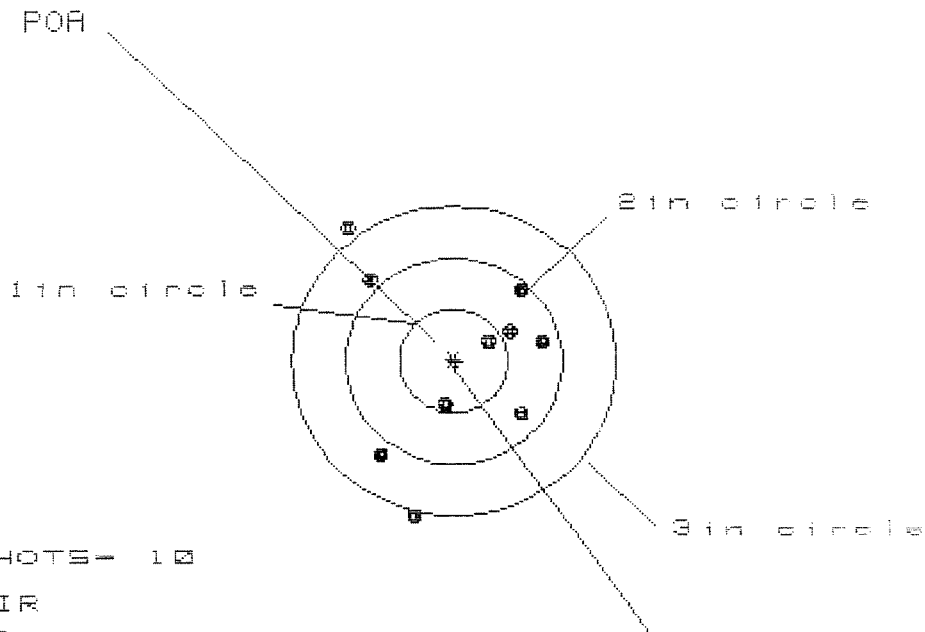
PATTERN # : 2

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.098	1.190	.492
MINIMUM X	-.786	-.694	-.546
MAXIMUM Y	.892	.781	.702
MINIMUM Y	-.999	-1.038	-1.117
CENTROID X	-.552	-.644	-.792
CENTROID Y	-.026	.085	.164
POA TO CENTROID in.	.553	.649	.809
MIN RADIUS	.351	.378	.411
MEAN RADIUS	.872	.804	.723
MAX RADIUS	1.296	1.346	1.119
HORIZONTAL SPREAD	1.884	1.884	1.038
VERTICAL SPREAD	1.891	1.819	1.819
EXTREME SPREAD	2.368	2.263	1.858
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

18 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08349015

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 1.855

VS= 2.875

GS= 2.941

CENTROID *

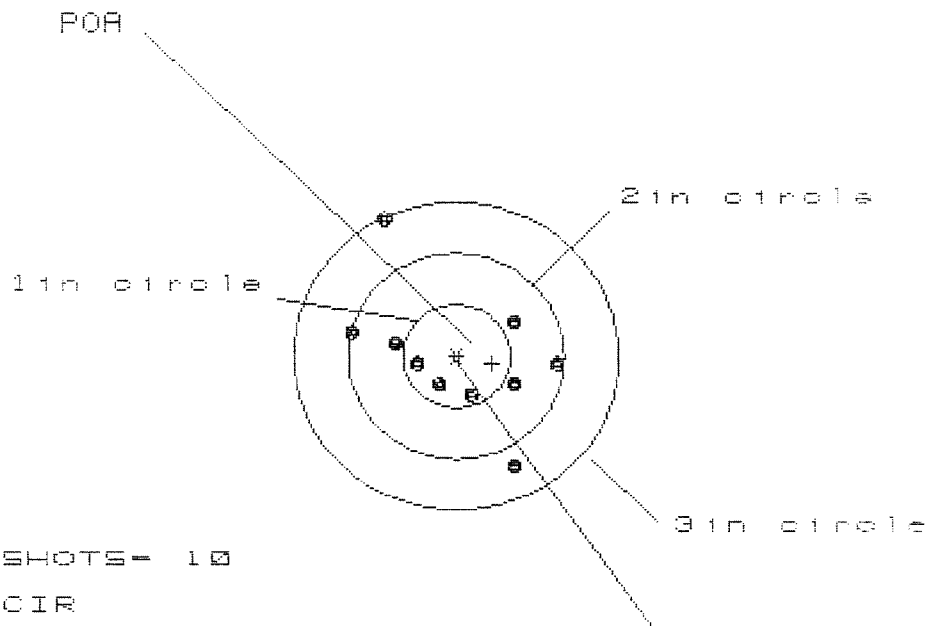
PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.843	.730	.667
MINIMUM X	-1.012	-.917	-.980
MAXIMUM Y	1.336	.907	.733
MINIMUM Y	-1.539	-1.391	-.937
CENTROID X	-.023	.090	.153
CENTROID Y	.010	-.138	.036
POA TO CENTROID in.	.025	.165	.157
MIN RADIUS	.371	.369	.285
MEAN RADIUS	.951	.845	.731
MAX RADIUS	1.676	1.480	1.236
HORIZONTAL SPREAD	1.855	1.647	1.647
VERTICAL SPREAD	2.875	2.298	1.670
EXTREME SPREAD	2.941	2.424	2.012
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

18 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6345015

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 1.936

VS= 2.423

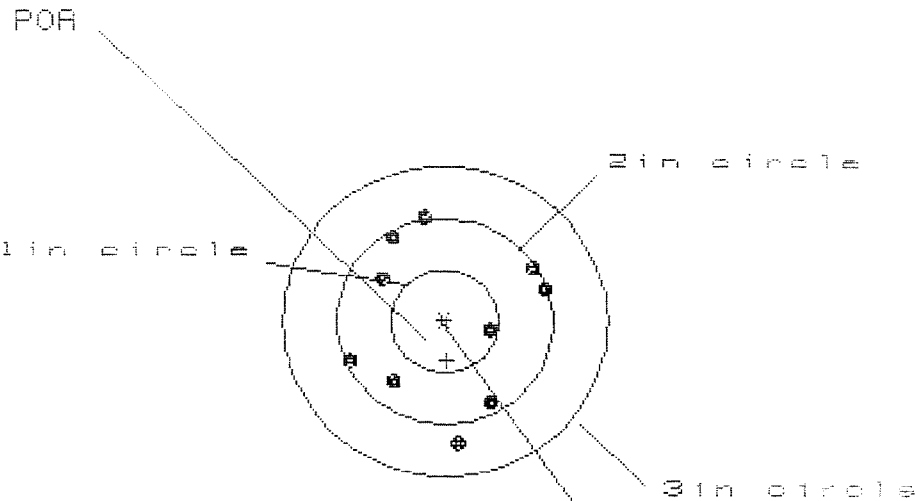
GS= 2.683

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.954	.882	.937
MINIMUM X	:	-.972	-1.044	-.989
MAXIMUM Y	:	1.342	.521	.404
MINIMUM Y	:	-1.081	-.932	-.323
CENTROID X	:	-.335	-.263	-.318
CENTROID Y	:	.070	-.079	.038
POA TO CENTROID in.	:	.342	.275	.320
MIN RADIUS	:	.251	.203	.232
MEAN RADIUS	:	.739	.631	.584
MAX RADIUS	:	1.488	1.107	1.021
HORIZONTAL SPREAD	:	1.926	1.926	1.926
VERTICAL SPREAD	:	2.423	1.453	.727
EXTREME SPREAD	:	2.683	1.972	1.943
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

16 May 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6349015

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 9

3 in = 10

HS= 1.756

VS= 2.186

GS= 2.203

CENTROID #

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.878	.888	.867
MINIMUM X	:	-.878	-.868	-.889
MAXIMUM Y	:	.977	.843	.746
MINIMUM Y	:	-1.209	-.899	-.794
CENTROID X	:	-.020	-.030	-.009
CENTROID Y	:	.382	.516	.411
POA TO CENTROID in.	:	.382	.517	.411
MIN RADIUS	:	.463	.506	.456
MEAN RADIUS	:	.888	.842	.833
MAX RADIUS	:	1.212	1.016	.973
HORIZONTAL SPREAD	:	1.756	1.756	1.756
VERTICAL SPREAD	:	2.186	1.742	1.540
EXTREME SPREAD	:	2.203	1.922	1.922
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	9		
NUMBER IN THREE INCH CIRCLE	=	10		