

C6611558

MODEL 700™ M24

Model S&S™

Action _____

Barrel Length _____

Capacity _____

Order No. 5716

*Includes 1 in chamber.



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: **RE00092997** Serial: C6611558 Model: M24 SWS Center Fire
 Verify Repair Caliber: 7.62 NATO Produced: 06/18/1991 Repairman: Status: Closed 2/11/2005 7:31:44 AM

Address Information

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

Name: DEF DIST DEPOT ANNISTON DEF DIST DEPOT ANNISTON

Address 1: Address 2: PG Box: PG Box:

City: ANNISTON ANNISTON

State: AL Zip Code: 362014199 Country: US State: AL Zip Code: 362014199 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	Fit and Rear Sgt Base	1

Repair Search Refresh Close

rag:ajl 2/14/2005 9:13 AM CAPS NCM INS SCPL

start 5 2 3 Arms Services

Serial Number: **C6611558**

Model: **M24 SWS**



RE00092997

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611558.__0

FILE DATE AND TIME: 04/01/2005 09:09

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

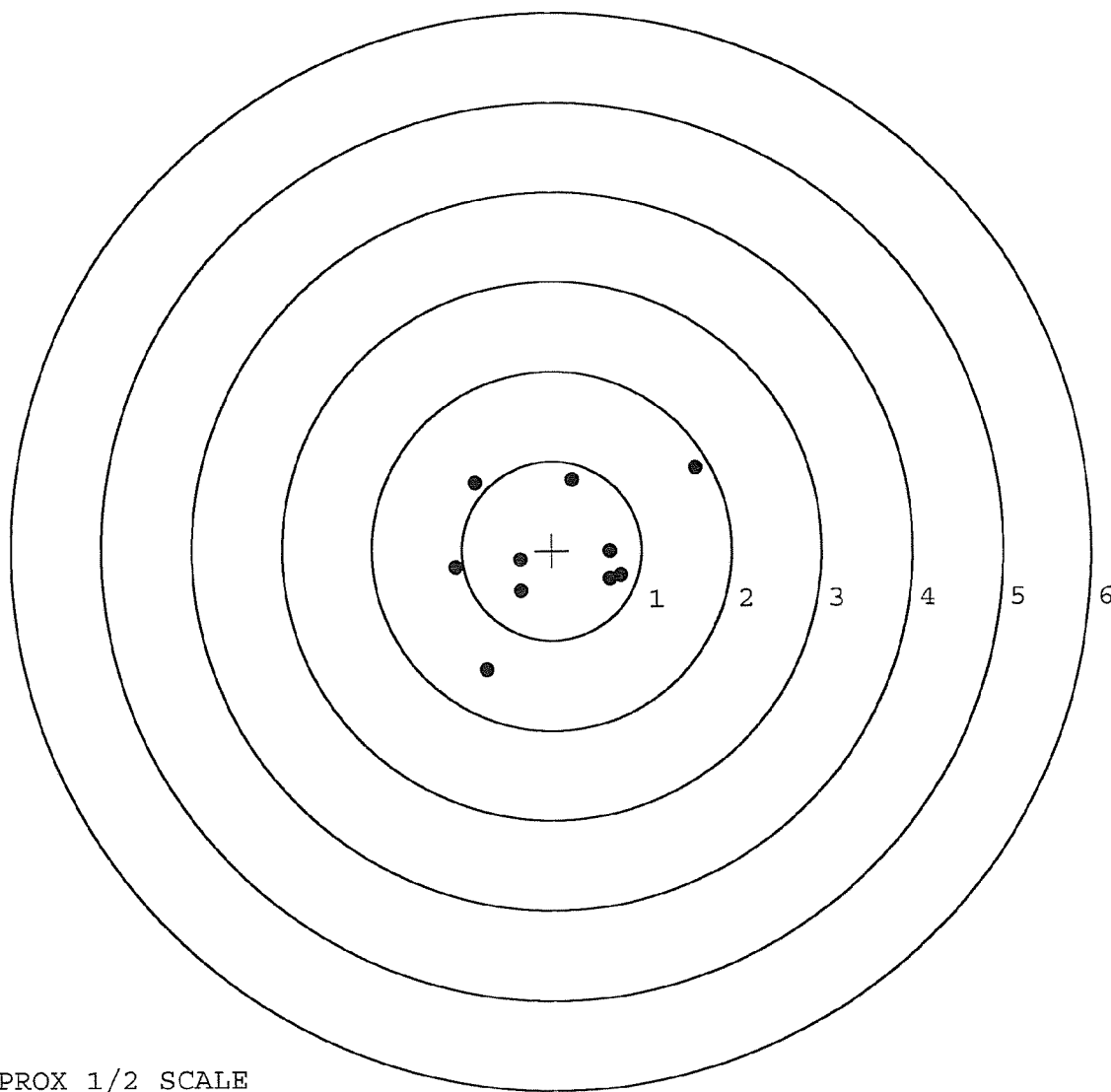
The Average X Centroid of the Five Target Set:	-0.067
The Average Y Centroid of the Five Target Set:	0.112
The Average Point of Impact of the Five Target Set:	0.130
The Average Mean Radius of the Five Target Set:	1.000
The Distance from POA to Centroid Target #1:	0.058
The Distance from Centroid Target #2 to Centroid Target #1:	0.144
The Distance from Centroid Target #3 to Centroid Target #1:	0.317
The Distance from Centroid Target #4 to Centroid Target #1:	0.684
The Distance from Centroid Target #5 to Centroid Target #1:	0.172

SERIAL NUMBER: C6611558. 0
TARGET NUMBER: 1
FILE DATE: 04/01/2005
FILE TIME: 09:09

X CENTROID: 0.052
Y CENTROID: -0.025
POA TO CENTROID: 0.058
HORZ SPREAD: 2.672
VERT SPREAD: 2.250
GROUP SPREAD: 3.240
MIN RADIUS: 0.420
MAX RADIUS: 1.814
MEAN RADIUS: 0.952

IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.601	0.920
2:	0.230	0.790
3:	-0.849	0.758
4:	-1.071	-0.198
5:	-0.360	-0.108
6:	-0.353	-0.458
7:	0.644	-0.019
8:	0.764	-0.282
9:	-0.730	-1.330
10:	0.645	-0.320



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611558. __0

TARGET NUMBER: 2

FILE DATE: 04/01/2005

FILE TIME: 09:09

X CENTROID: -0.084

Y CENTROID: -0.073

POA TO CENTROID: 0.111

HORZ SPREAD: 2.031

VERT SPREAD: 2.872

GROUP SPREAD: 2.929

MIN RADIUS: 0.274

MAX RADIUS: 1.659

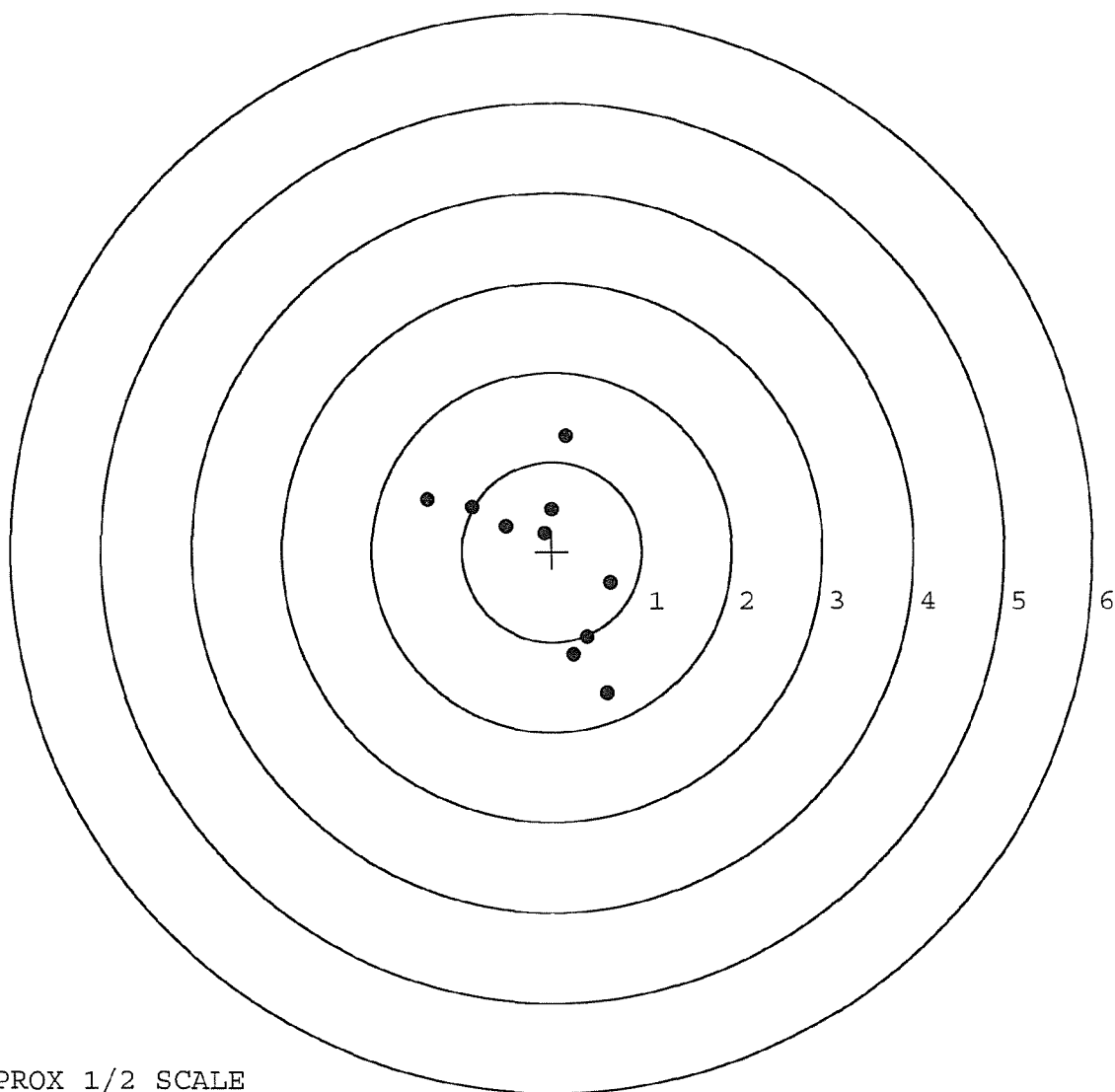
MEAN RADIUS: 0.975

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.158	1.293
2:	-0.009	0.468
3:	-0.083	0.201
4:	-0.516	0.277
5:	-0.892	0.487
6:	-1.382	0.569
7:	0.649	-0.350
8:	0.391	-0.947
9:	0.237	-1.144
10:	0.610	-1.579



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611558. __0

TARGET NUMBER: 3

FILE DATE: 04/01/2005

FILE TIME: 09:09

X CENTROID: -0.262

Y CENTROID: 0.018

POA TO CENTROID: 0.263

HORZ SPREAD: 2.904

VERT SPREAD: 2.147

GROUP SPREAD: 3.499

MIN RADIUS: 0.336

MAX RADIUS: 2.175

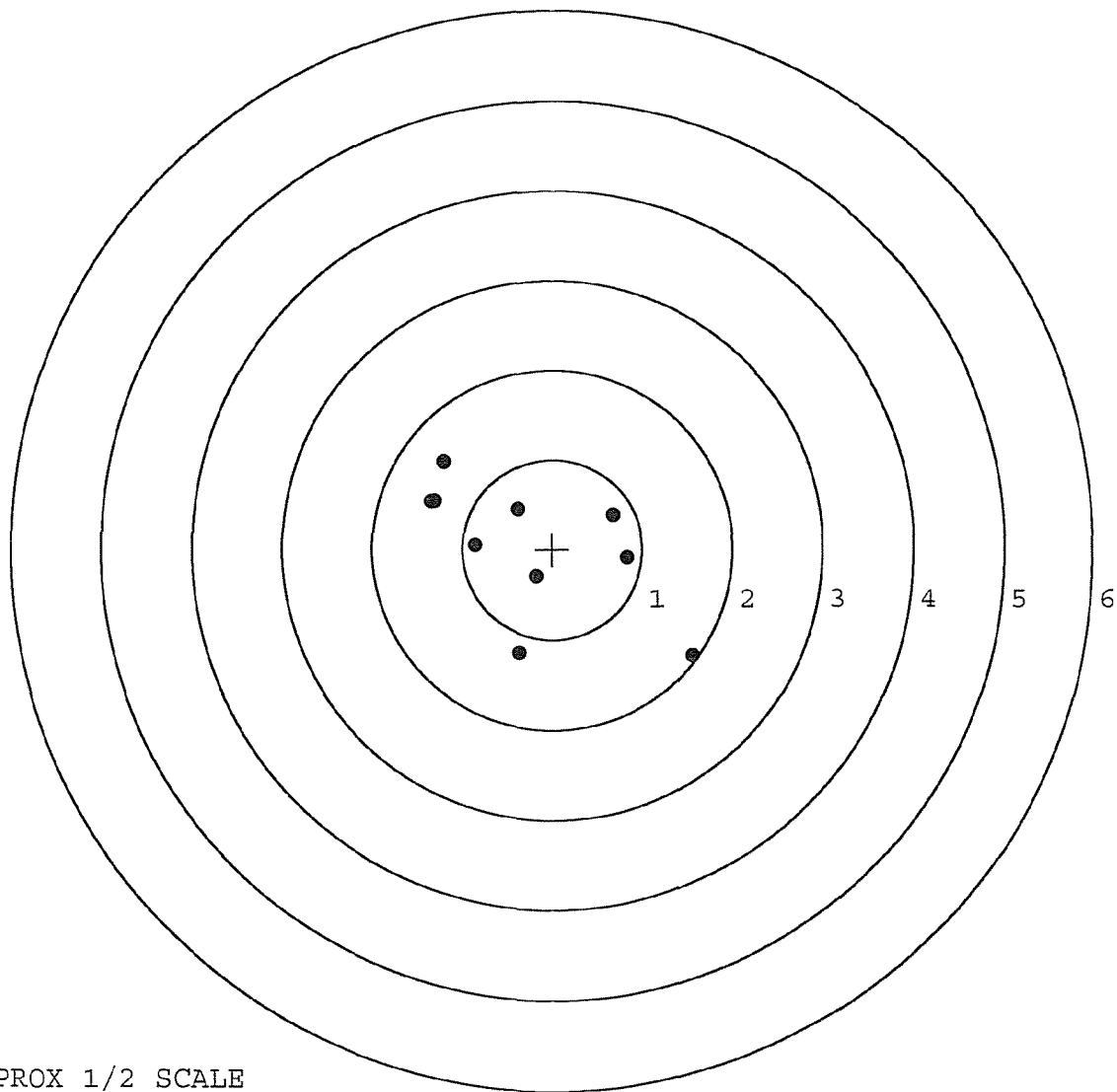
MEAN RADIUS: 1.054

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-1.207	0.971
2:	-1.348	0.527
3:	-0.388	0.451
4:	-0.859	0.046
5:	-0.182	-0.308
6:	0.670	0.386
7:	0.827	-0.097
8:	-0.377	-1.152
9:	1.556	-1.176
10:	-1.311	0.534



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611558. __0

TARGET NUMBER: 4

FILE DATE: 04/01/2005

FILE TIME: 09:09

X CENTROID: 0.080

Y CENTROID: 0.658

POA TO CENTROID: 0.663

HORZ SPREAD: 2.626

VERT SPREAD: 2.565

GROUP SPREAD: 3.191

MIN RADIUS: 0.599

MAX RADIUS: 1.692

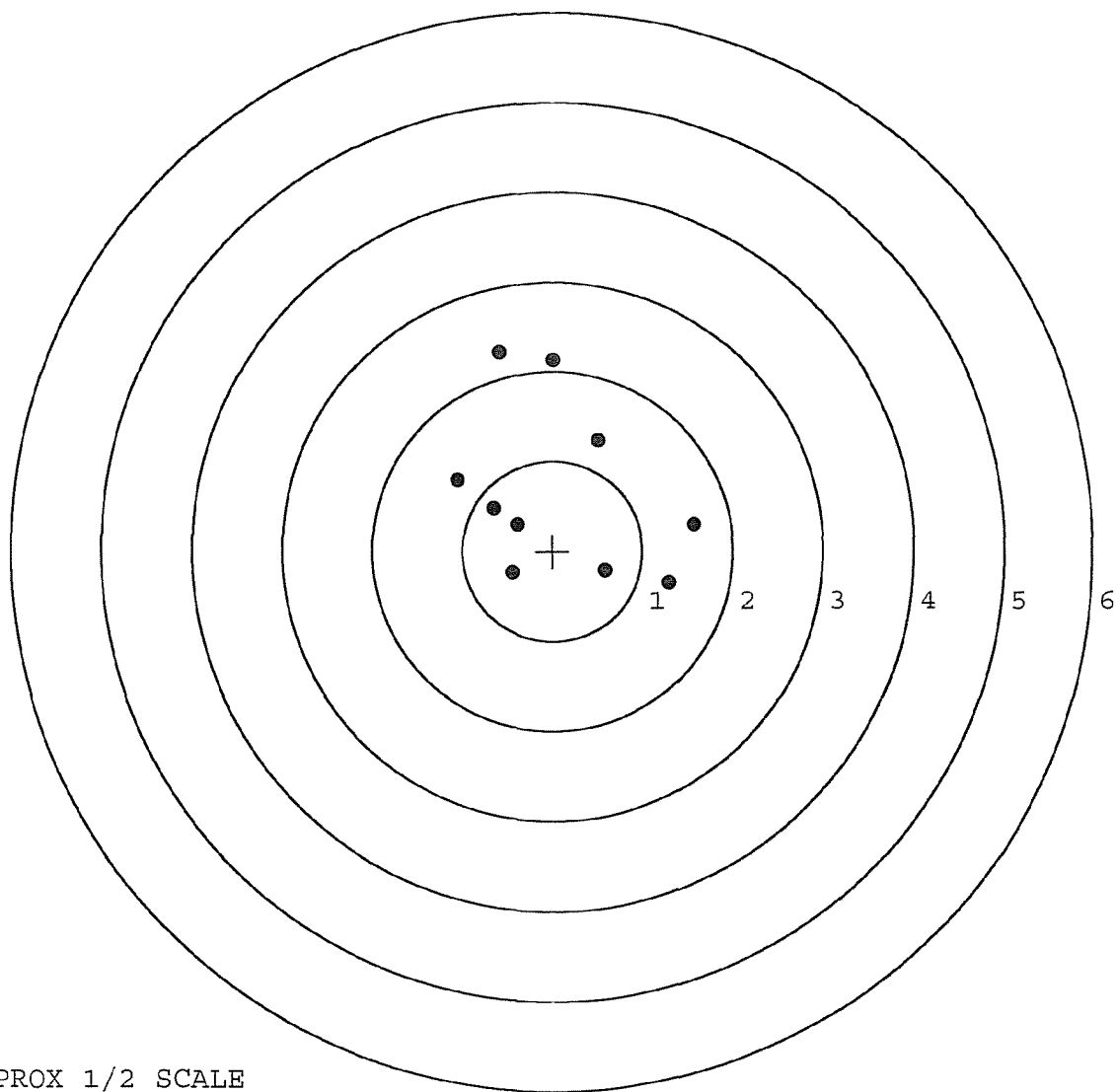
MEAN RADIUS: 1.155

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	-0.598	2.208
2:	0.002	2.121
3:	0.511	1.231
4:	-1.058	0.783
5:	-0.656	0.470
6:	-0.397	0.296
7:	-0.453	-0.245
8:	0.581	-0.218
9:	1.568	0.294
10:	1.300	-0.357

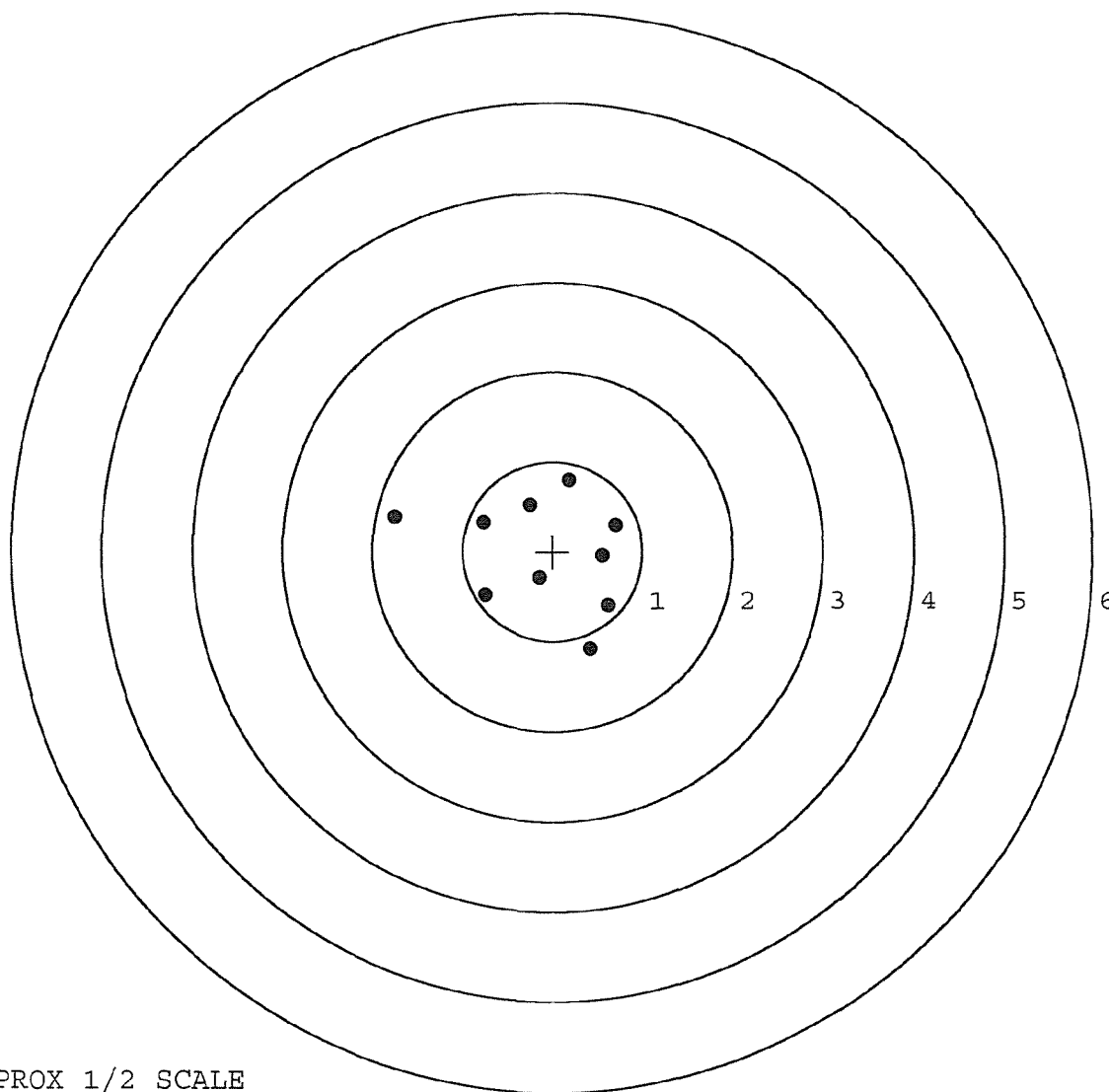


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611558. __0
TARGET NUMBER: 5
FILE DATE: 04/01/2005
FILE TIME: 09:09

X CENTROID: -0.120
Y CENTROID: -0.021
POA TO CENTROID: 0.122
HORZ SPREAD: 2.453
VERT SPREAD: 1.890
GROUP SPREAD: 2.626
MIN RADIUS: 0.275
MAX RADIUS: 1.684
MEAN RADIUS: 0.861
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.183	0.798
2:	0.698	0.298
3:	-0.256	0.523
4:	-0.770	0.320
5:	-0.747	-0.493
6:	-0.150	-0.294
7:	0.560	-0.049
8:	0.620	-0.601
9:	0.418	-1.092
10:	-1.755	0.383



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92997		
SERIAL NUMBER	C6611558		
LOG-IN DATE	2-11-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-21-05	RTL
560 A	RE-BARREL	2-22-05	RTL
B	DRILL AND TAP	2-28-05	TRW
575	ASSEMBLE	2-23-05	RTL
600	PROOF	2-24-05	AC
605	CHECK HEADSPACE	2-24-05	AC
610	DIS-ASSEMBLE GUN	2-24-05	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	3-1-05	CW
618	ROTO-BLAST	3-3-05	LB
620	APPLY COATINGS	3/16/05	HP
625 A	FINAL ASSEMBLY	3-31-05	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	4-17-05	AC
D	SAFETY "OFF" FORCE	4-7-05	AC
E	FIRING PIN INDENT	4-7-05	AC
640	TARGET	4-1-05	AC
655	FINAL INSPECT	4-7-05	4-17-05
660	PACK	4-22-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington[®] **DUPONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700TM M24

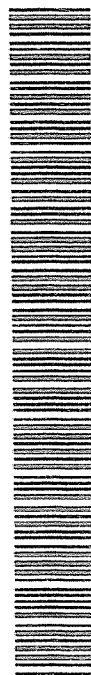
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Deposee.

46

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

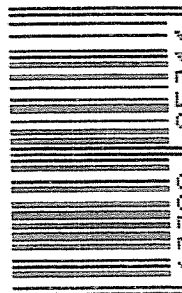
SERIAL NO.
 C6611558

ORDER NO.
 5716



5716 C6611558

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611558

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	2 1	91	RW
600	Proof	2 1	91	RW
607	Check Headspace	2 1	91	RW
610	Dis-assemble Gun	2 1	91	RW
612	Magnaflux Barrel Action	2 1 1	91	Kcd
	Magnaflux Bolt	2 1 1	91	Kcd
615	Rollmark Caliber	2 1 1	91	CS
617	Drill and Tap Sight Holes	2 1 3	91	FdB
618	Polish Barrel RBB	2 1 3	91	WB
620	Apply Coatings (Barrel Action)		3/29/91	WB
	Apply Coating (Bolt)			WB
625	Final Assembly			
	A) Clean inside of Bolt Assembly		3/29/91	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/29/91	WB
	C) Inspect Ejector Hole for Chamfer		3/29/91	WB
	D) Oil Firing Pin Ass'y		3/29/91	WB
	E) Adjust Trigger Pull to Min Setting and Stake		4/3/91	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4/10/91	Pl
	G) Safety Off Force	2	2	2			4/10/91	Pl
	H) Trigger Pull Test & Retainability						4/8/91	Pl
	I) Firing Pin Indent	10225	022	022			4/10/91	Pl
	J) Assemble Stock						4/10/91	Rw
	K) Assemble Swivel Studs						4-16-91	E
	L) Attach Front and Rear Sight Assemblies						4/10/91	Rw
	M) Iron Sight Alignment						4/10/91	Rw
	N) Detach Front & Rear Sights & place in numbered container						4/10/91	Rw
	O) Attach Scope to Rifle						4/10/91	Rw
	P) Detach & Attach Scope 20 Times						4/10/91	Rw
640	Gallery Target & Test						4-11-91	AC
	A) Time						4-11-91	AC
	B) Malfunctions						4-11-91	AC
	C) Pierced Primers						4-11-91	AC
	D) Optical Clarity of Scope						4-11-91	AC
645	Inspect for Live Ammo						4-11-91	AC
655	Final Inspection							
	A) Headspace						4-16-91	E
	B) Trigger Pull	2.24	2.18	2.26	2.18	2.19	4/16/91	Pl
	C) Function						4-16-91	E
660	Pack						6-17-91	V

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611558

DATE 4/8/91

TESTER JPL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.17	2.25	2.24	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.49	2.28	2.41	2.18	
PULL #3	2.56	2.29	2.39	2.26	
PULL #4	2.57	2.38	2.44	2.18	
PULL #5	2.42	2.26	2.44	2.19	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.45	3.25		
PULL #2	3.22	3.26		
PULL #3	3.29	3.49		
PULL #4	3.16	3.30		
PULL #5	3.26	3.41		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.30		4.35
PULL #2	4.53	4.15		4.43
PULL #3	4.26	4.42		4.43
PULL #4	4.13	4.20		4.48
PULL #5	4.21	4.24		4.47
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611558
11 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.274722
1 TO	2	.340577
1 TO	3	.146168
1 TO	4	.147872
1 TO	5	.418169

4 <----POA

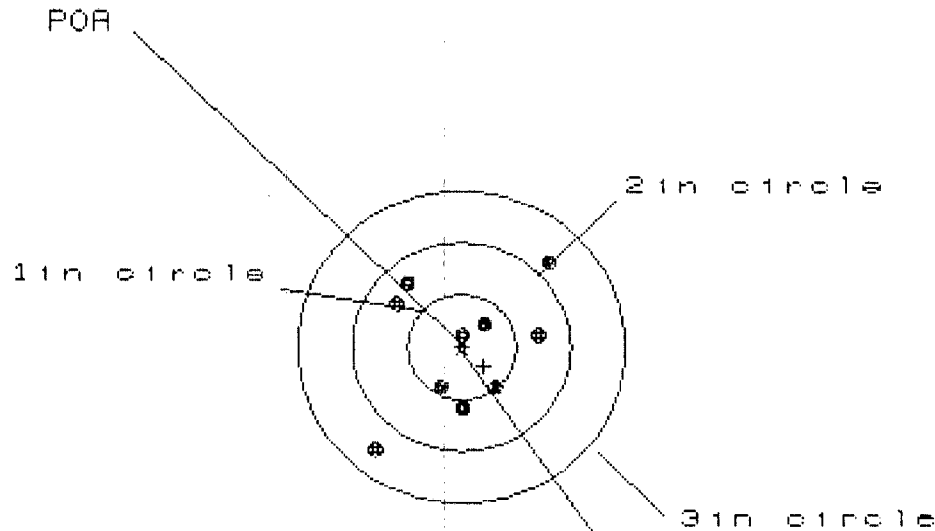
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1934
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.014
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .193906

THE AMR FOR THIS RIFLE IS: .84

11 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611558

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 4

2in = 8

3in = 10

HS= 1.525

VS= 1.873

GS= 2.415

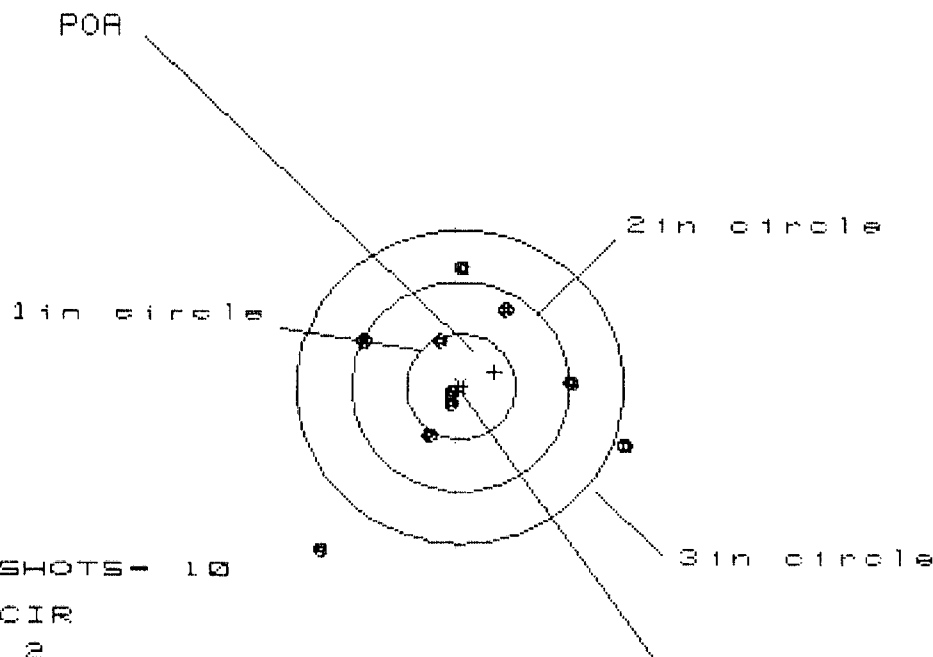
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.767	.683	.742
MINIMUM X	-.758	-.712	-.626
MAXIMUM Y	.844	.729	.609
MINIMUM Y	-1.029	-.671	-.579
CENTROID X	-.204	-.120	-.206
CENTROID Y	.184	.299	.207
POA TO CENTROID in.	.275	.322	.292
MIN RADIUS	.093	.114	.070
MEAN RADIUS	.663	.589	.526
MAX RADIUS	1.278	.999	.760
HORIZONTAL SPREAD	1.525	1.395	1.368
VERTICAL SPREAD	1.873	1.400	1.188
EXTREME SPREAD	2.415	1.580	1.394
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

11 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611558

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 2.792

VS= 2.690

GS= 2.969

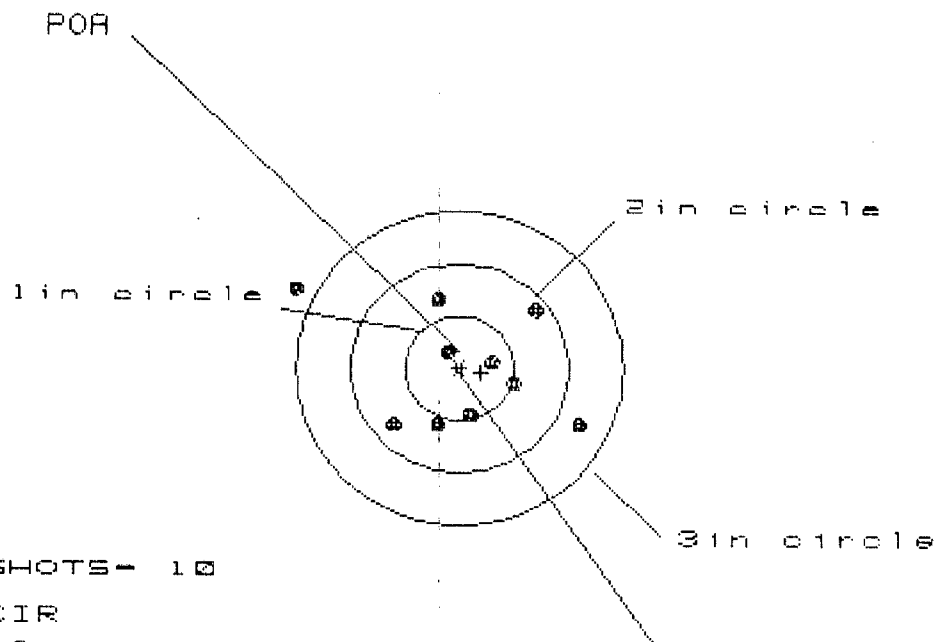
CENTROID *

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.522	1.381	1.017
MINIMUM X	:	-1.270	-1.071	-.899
MAXIMUM Y	:	1.095	.918	.823
MINIMUM Y	:	-1.595	-.763	-.744
CENTROID X	:	-.312	-.171	-.343
CENTROID Y	:	-.139	.038	.133
POA TO CENTROID in.	:	.341	.175	.368
MIN RADIUS	:	.109	.321	.266
MEAN RADIUS	:	.902	.788	.656
MAX RADIUS	:	2.039	1.577	1.041
HORIZONTAL SPREAD	:	2.792	2.452	1.916
VERTICAL SPREAD	:	2.690	1.681	1.567
EXTREME SPREAD	:	2.969	2.670	1.961
NUMBER IN ONE INCH CIRCLE =	:	2		
NUMBER IN TWO INCH CIRCLE =	:	6		
NUMBER IN THREE INCH CIRCLE =	:	8		

11 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611558

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 2.592

VS= 1.357

GS= 2.926

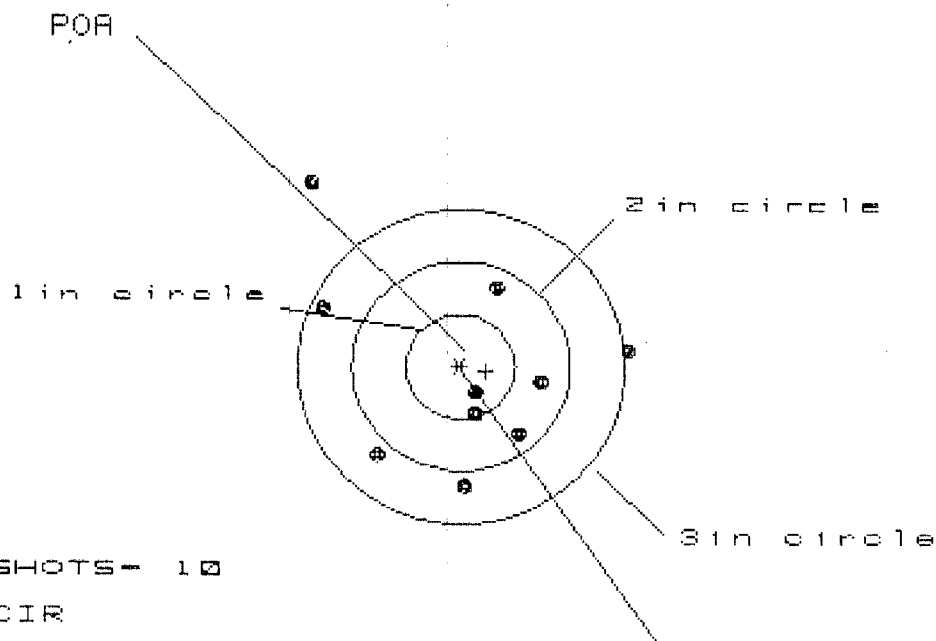
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.092	.926	.602
MINIMUM X	:	-1.500	-.736	-.621
MAXIMUM Y	:	.783	.705	.644
MINIMUM Y	:	-.574	-.486	-.488
CENTROID X	:	-.197	-.031	-.146
CENTROID Y	:	.038	-.050	.011
POA TO CENTROID in.	:	.201	.058	.147
MIN RADIUS	:	.183	.168	.224
MEAN RADIUS	:	.730	.605	.543
MAX RADIUS	:	1.692	1.046	.870
HORIZONTAL SPREAD	:	2.592	1.662	1.223
VERTICAL SPREAD	:	1.357	1.191	1.132
EXTREME SPREAD	:	2.926	1.773	1.646
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

11 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611558

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.971

VS= 2.862

GS= 3.357

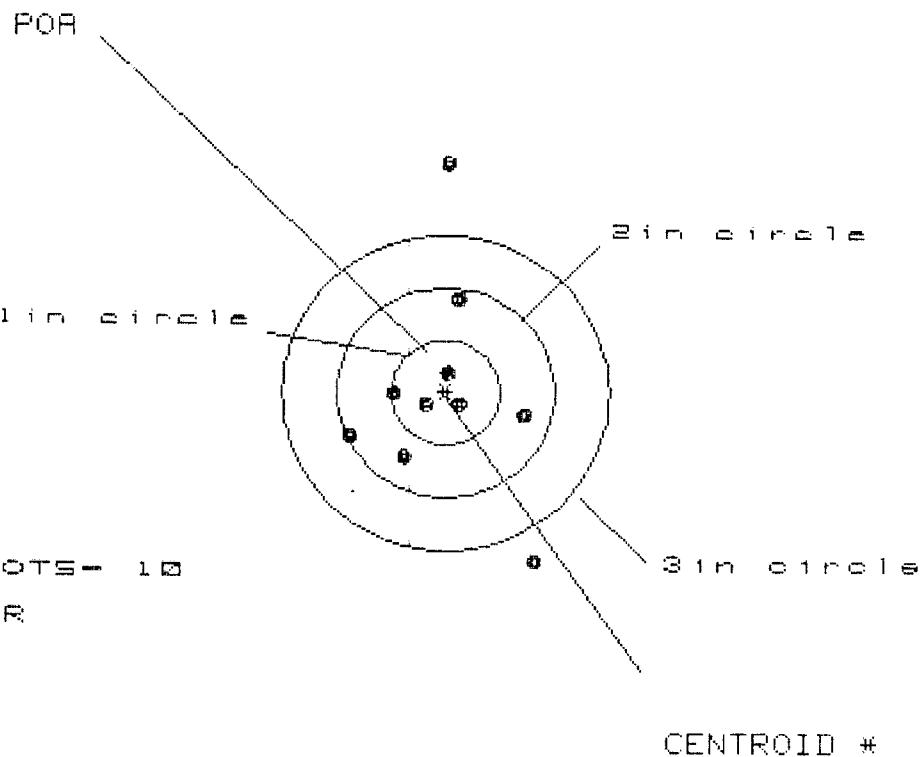
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.572	1.416	.739
MINIMUM X	:	-1.399	-1.429	-1.252
MAXIMUM Y	:	1.757	.997	1.045
MINIMUM Y	:	-1.105	-.909	-.861
CENTROID X	:	-.233	-.077	-.254
CENTROID Y	:	.039	-.157	-.205
POA TO CENTROID in.	:	.236	.175	.327
MIN RADIUS	:	.269	.056	.143
MEAN RADIUS	:	1.063	.844	.782
MAX RADIUS	:	2.246	1.636	1.510
HORIZONTAL SPREAD	:	2.971	2.845	1.991
VERTICAL SPREAD	:	2.862	1.906	1.906
EXTREME SPREAD	:	3.357	2.874	2.186
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

11 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611558

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 8

3 in = 8

HS= 1.676

VS= 3.812

GS= 3.892

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.810	.813	.835
MINIMUM X	:	-.866	-.863	-.761
MAXIMUM Y	:	2.200	1.105	.934
MINIMUM Y	:	-1.612	-1.368	-.584
CENTROID X	:	-.021	-.024	-.126
CENTROID Y	:	-.192	-.436	-.265
POA TO CENTROID in.	:	.193	.437	.294
MIN RADIUS	:	.161	.156	.121
MEAN RADIUS	:	.842	.689	.535
MAX RADIUS	:	2.200	1.591	.974
HORIZONTAL SPREAD	:	1.676	1.676	1.596
VERTICAL SPREAD	:	3.812	2.473	1.518
EXTREME SPREAD	:	3.892	2.554	1.666
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		8	