

C6225337	
MODEL 700™ M24	
Model	700 M24™
Action	
Barrel Length	
Capacity	
Order No.	5716
*Includes 1 in chamber.	
Remington.	

Reset

Number: **C6225337**

Model: M24 SWS



RE001 47681

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

R & E NUMBER 142681
 SERIAL NUMBER C6225337
 LOG-IN DATE 7-17-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	9-29-08	RTZ
505	RE-BARREL	9-30-08	RTZ
560	ASSEMBLE	9-30-08	RTZ
600	PROOF	10-2-08	RTZ
605	CHECK HEADSPACE	10-2-08	RTZ
610	DIS-ASSEMBLE GUN	10-2-08	RTZ
612	MAGNAFLUX	10-8-08	RTZ
510	DRILL AND TAP	10-6-08	RTZ
615	ROLLMARK CALIBER	10-6-08	RTZ
618	ROTO-BLAST		
620	APPLY COATINGS	10-11-08	RTZ
625	FINAL ASSEMBLY	10-16-08	RTZ
640	FUNCTION TEST AND	PASS FAIL	10-16-08
650	TARGET	PASS FAIL	10-16-08
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		
	A) HEADSPACE	PASS FAIL	10-16-08
	B) TRIGGER PULL	2.44 2.42 2.44 2.49 2.44	10-17-08
680	F) SAFETY ON FORCE	4.5 4.5 5.0	10-21-08
	G) SAFETY OFF FORCE	5.0 5.0 5.0	10-21-08
	I) FIRING PIN INDENT	.022 .023 .023	10-21-08
690	PACK		10-21-08

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225337.___0
FILE DATE AND TIME: 10/17/2008 05:59

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.004
The Average Y Centroid of the Five Target Set:	-0.035
The Average Point of Impact of the Five Target Set:	0.036
The Average Mean Radius of the Five Target Set:	0.572
The Distance from POA to Centroid Target #1:	0.378
The Distance from Centroid Target #2 to Centroid Target #1:	0.472
The Distance from Centroid Target #3 to Centroid Target #1:	0.587
The Distance from Centroid Target #4 to Centroid Target #1:	0.267
The Distance from Centroid Target #5 to Centroid Target #1:	0.431

SERIAL NUMBER: C6225337. 0

TARGET NUMBER: 1

FILE DATE: 10/17/2008

FILE TIME: 05:59

X CENTROID: 0.030

Y CENTROID: -0.377

POA TO CENTROID: 0.378

HORZ SPREAD: 1.314

VERT SPREAD: 1.392

GROUP SPREAD: 1.738

MIN RADIUS: 0.371

MAX RADIUS: 0.897

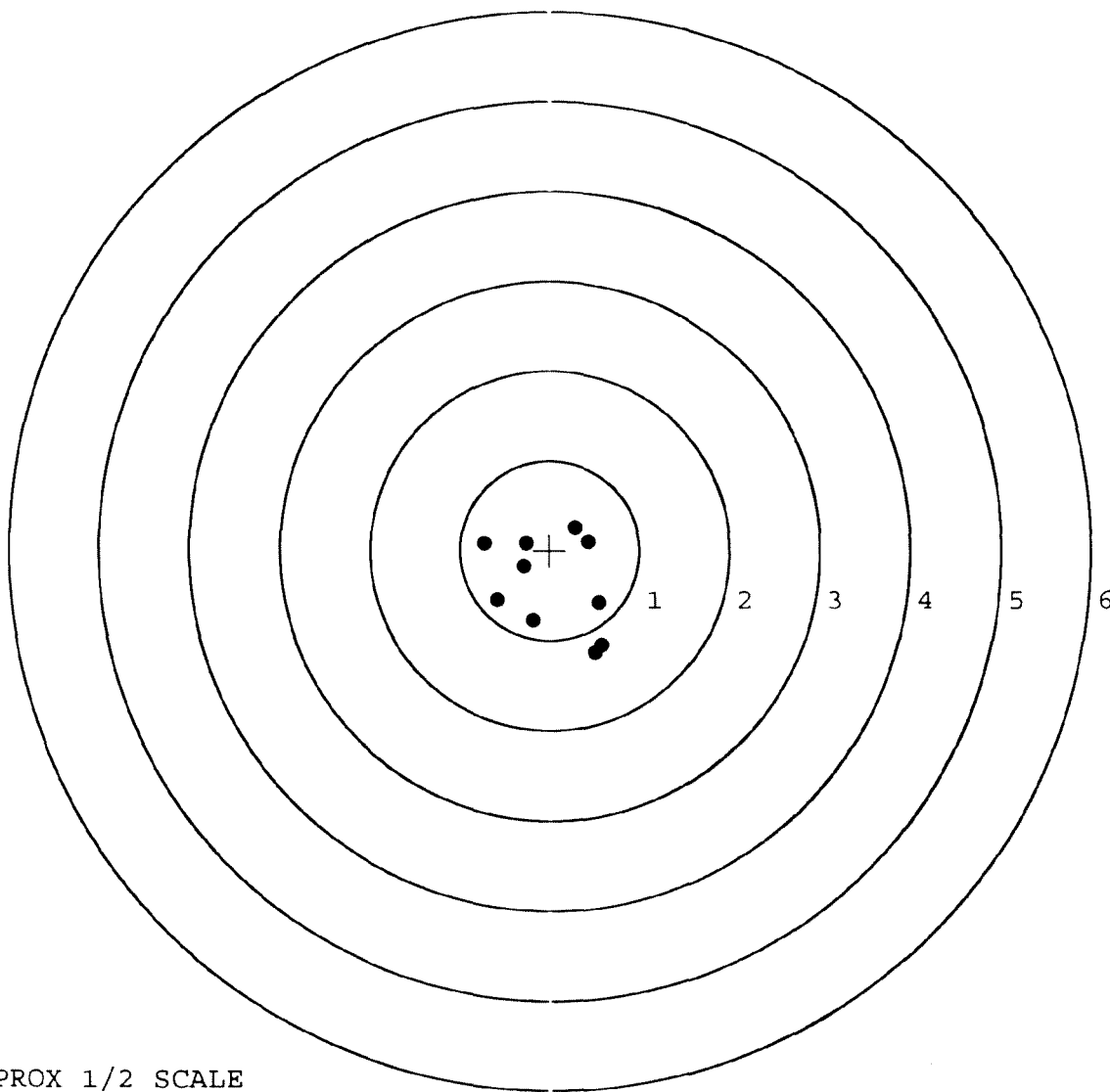
MEAN RADIUS: 0.656

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.512	-1.134
2:	0.586	-1.058
3:	0.549	-0.581
4:	-0.192	-0.780
5:	-0.592	-0.559
6:	-0.728	0.084
7:	-0.263	0.082
8:	-0.287	-0.184
9:	0.282	0.258
10:	0.437	0.104



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225337. 0

TARGET NUMBER: 2

FILE DATE: 10/17/2008

FILE TIME: 05:59

X CENTROID: -0.035

Y CENTROID: 0.091

POA TO CENTROID: 0.097

HORZ SPREAD: 0.889

VERT SPREAD: 2.069

GROUP SPREAD: 2.099

MIN RADIUS: 0.214

MAX RADIUS: 1.344

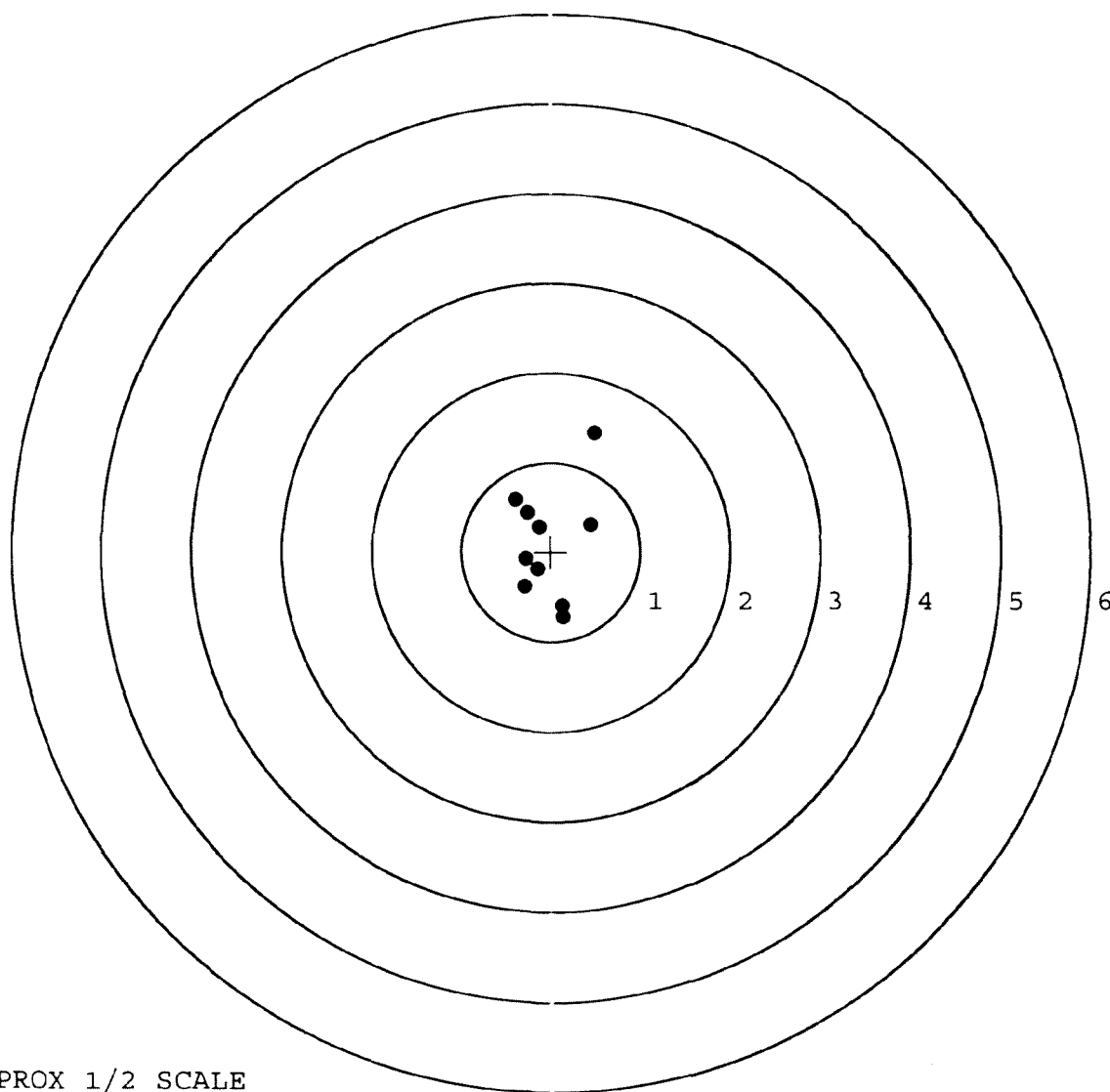
MEAN RADIUS: 0.584

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.487	1.329
2:	0.442	0.305
3:	-0.402	0.581
4:	-0.270	0.437
5:	-0.139	0.278
6:	-0.284	-0.077
7:	-0.151	-0.194
8:	-0.295	-0.398
9:	0.129	-0.612
10:	0.134	-0.740



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225337. 0

TARGET NUMBER: 3

FILE DATE: 10/17/2008

FILE TIME: 05:59

POINT#	X	Y
1:	0.788	-0.070
2:	0.963	0.596
3:	-0.153	0.945
4:	-0.759	0.703
5:	-0.208	0.483
6:	-0.110	0.353
7:	0.028	0.206
8:	0.238	-0.188
9:	-0.088	-0.435
10:	-0.484	-0.495

X CENTROID: 0.021

Y CENTROID: 0.210

POA TO CENTROID: 0.211

HORZ SPREAD: 1.722

VERT SPREAD: 1.440

GROUP SPREAD: 1.812

MIN RADIUS: 0.008

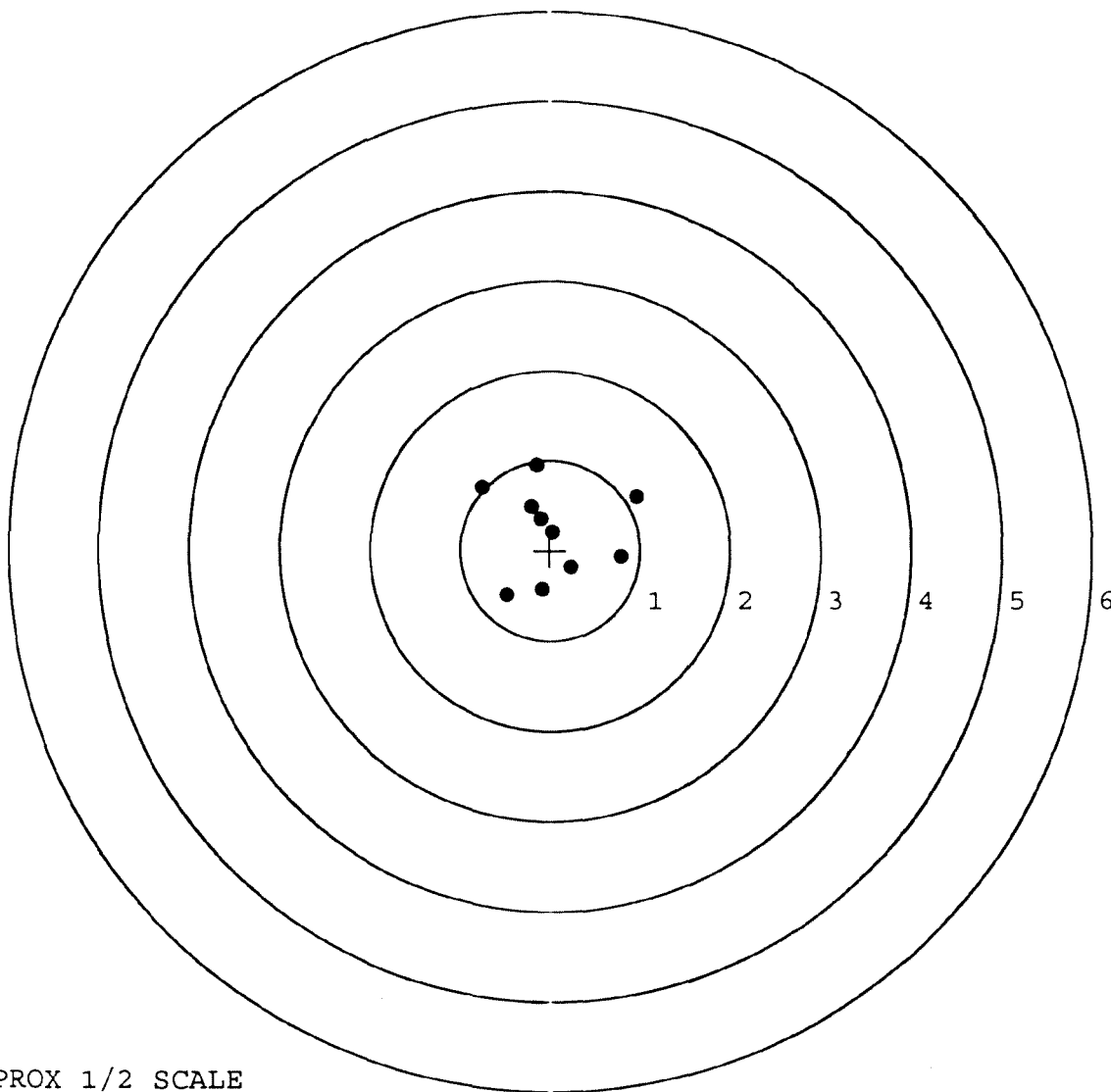
MAX RADIUS: 1.018

MEAN RADIUS: 0.605

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225337. 0

TARGET NUMBER: 4

FILE DATE: 10/17/2008

FILE TIME: 05:59

POINT#	X	Y
1:	-0.187	-1.133
2:	0.422	-0.728
3:	0.748	-0.034
4:	0.186	0.607
5:	0.126	0.315
6:	0.278	0.191
7:	0.300	0.014
8:	0.216	-0.162
9:	-0.313	-0.154
10:	-0.512	-0.190

X CENTROID: 0.126

Y CENTROID: -0.127

POA TO CENTROID: 0.179

HORZ SPREAD: 1.260

VERT SPREAD: 1.740

GROUP SPREAD: 1.780

MIN RADIUS: 0.096

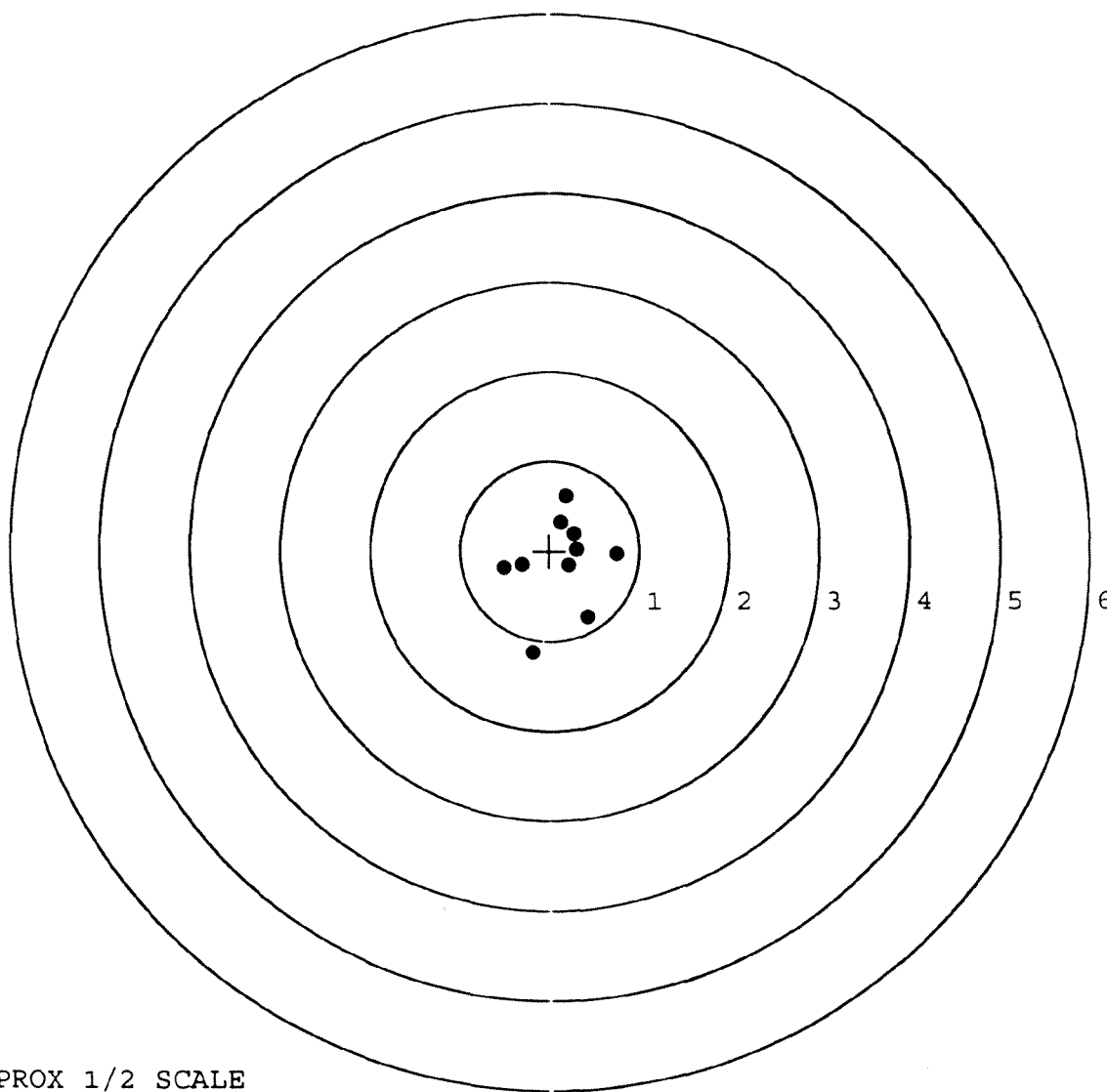
MAX RADIUS: 1.053

MEAN RADIUS: 0.528

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225337. 0

TARGET NUMBER: 5

FILE DATE: 10/17/2008

FILE TIME: 05:59

POINT#	X	Y
1:	-0.502	-0.823
2:	-0.002	-0.500
3:	0.140	-0.206
4:	0.311	-0.036
5:	-0.373	-0.278
6:	-0.288	0.074
7:	-0.313	0.297
8:	-0.212	0.385
9:	-0.092	0.506
10:	0.121	0.845

X CENTROID: -0.121

Y CENTROID: 0.026

POA TO CENTROID: 0.124

HORZ SPREAD: 0.813

VERT SPREAD: 1.668

GROUP SPREAD: 1.781

MIN RADIUS: 0.174

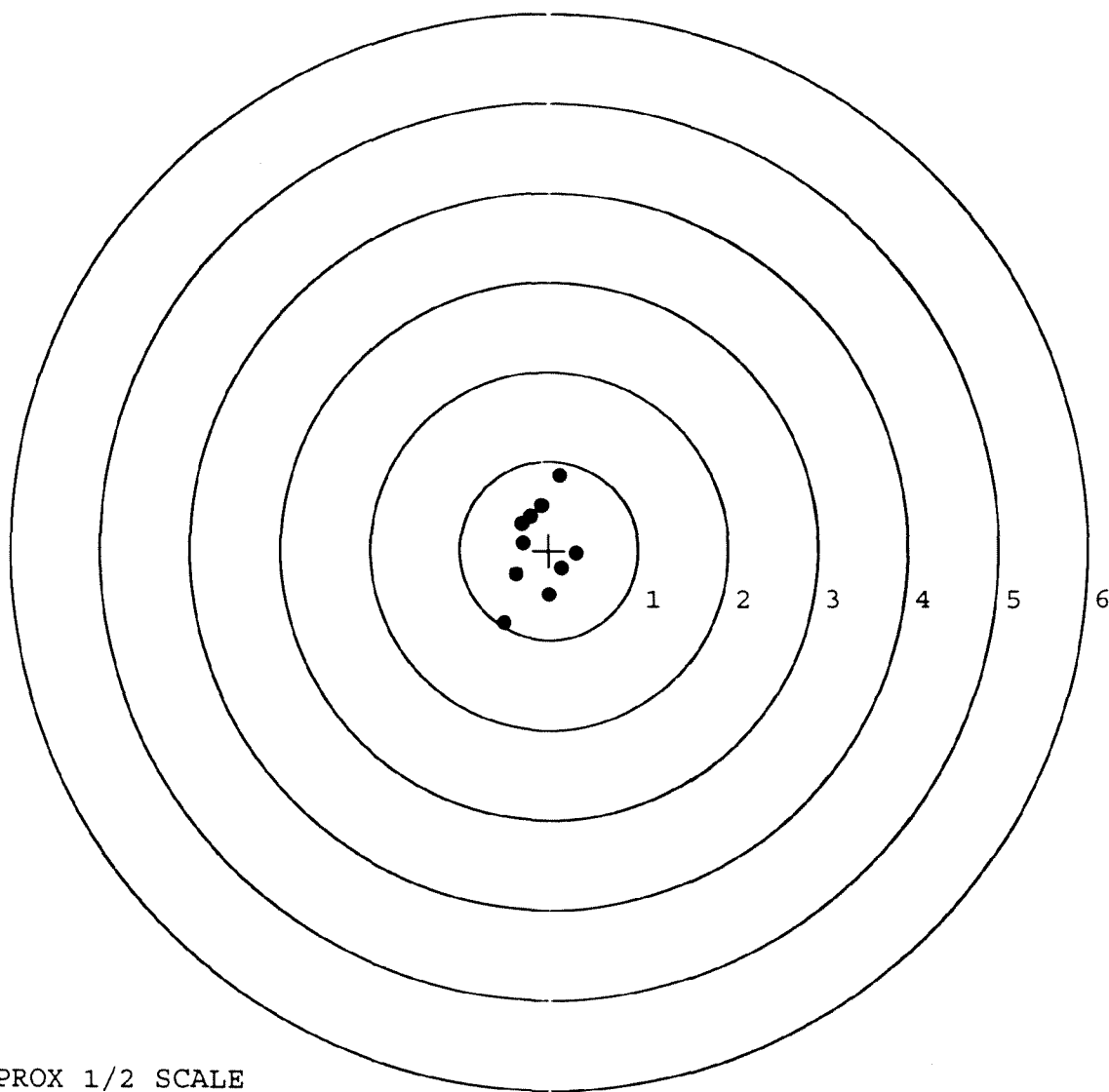
MAX RADIUS: 0.931

MEAN RADIUS: 0.486

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225337

INTERCHANGEABILITY

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	QUALITY 8	9/88	FB
600	Proof	QUALITY 9	7/88	RW
607	Check Headspace	AUDIT 9	7/88	RW
610	Dis-assemble gun	AUDIT 9	7/88	RW
612	Magnaflux Barrel Action		9-14-88	Pfe.
	Magnaflux Bolt		9-14-88	Pfe.
615	Rollmark Caliber		10/12/88	WC
617	Drill & Tap Sight Holes		10/2/88	FB
618	Polish Barrel		10/20/88	WT
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coatings (Bolt)		10-31-88	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		11/2/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/2/88	RW
	C) Inspect Ejector Hole for Chamfer		11/2/88	RW

OVER

OP. #		READINGS	DATE	INITIAL
625	D) Oil Firing Pin Ass'y		11/2/88	RW
cont.	E) Adjust Trigger Pull to Min. Setting and Stake		2/10/88	JSB
	F) Safety on Force	5 5 5	2/10/88	JSB
	G) Safety off Force	3 3 3	2/10/88	JSB
	H) Trigger Pull Test & Retainability		2/10/88	JSB
	I) Firing Pin Indent	.020 .020 .0205	2/10/88	JSB
	J) Assemble Stock		11/8/88	RW
	K) Attach Front & Rear Sight Assemblies		11/8/88	RW
	L) Iron Sight Alignment		11/8/88	RW
	M) Detach Front & Rear Sights & place in numbered container		11/8/88	RW
	N) Attach Scope to Rifle		11/8/88	RW
	O) Detach & Attach Scope 20 times		8/10/88	JSB
640	Gallery Target & Test	74 R 78 L	11-9-88	A.C.
	A) Optical Clarity of Scope	OK	11-9-88	A.C.
645	Inspect for Live Ammo	NONE	11-9-88	A.C.
655	Final Inspection			
	A) Headspace		29/10/88	JSB
	B) Trigger Pull	2.66 2.65 2.62	2.64 2.64	JSB
	C) Function		29/10/88	JSB
	D) Assemble Swivel Studs		29/10/88	JSB
660	Pack		12/15/88	RW

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225337

DATE 31 Oct. 88

TESTER JA L.S.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.31	2.30	2.33	2.66	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.47	2.32	2.33	2.65	
PULL #3	2.42	2.33	2.30	2.62	
PULL #4	2.44	2.31	2.31	2.64	
PULL #5	2.46	2.32	2.28	2.64	
TOTAL	12.10	11.58	11.55	13.21	
AVG.	2.42	2.316	2.31	2.642	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.23		
PULL #2	3.23	3.28		
PULL #3	3.24	3.26		
PULL #4	3.28	3.26		
PULL #5	3.32	3.22		
TOTAL	16.38	16.25		
AVG.	3.276	3.25		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.40	4.29		4.17
PULL #2	4.42	4.35		4.14
PULL #3	4.44	4.27		4.17
PULL #4	4.45	4.27		4.17
PULL #5	4.42	4.25		4.16
TOTAL	22.13	21.43		20.81
AVG.	4.426	4.286		4.162

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225337

CENTROIDAL DISTANCES

0 TO	1	1.11327
1 TO	2	2.18783
1 TO	3	.558593
1 TO	4	1.32993
1 TO	5	1.2202

5 3 1

4

<----POB

2

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0878
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2992
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .311816
THE AMR FOR THIS RIFLE IS: .9768

9 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225337

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS = 1.993

VS = 2.551

GS = 3.093

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.091	.578	.511
MINIMUM X	-.902	-.781	-.848
MAXIMUM Y	1.525	1.143	1.036
MINIMUM Y	-1.026	-.857	-.839
CENTROID X	.562	.441	.508
CENTROID Y	.961	.792	.899
POA TO CENTROID in.	1.114	.907	1.033
MIN RADIUS	.112	.261	.161
MEAN RADIUS	.857	.719	.679
MAX RADIUS	1.875	1.281	1.155
HORIZONTAL SPREAD	1.993	1.359	1.359
VERTICAL SPREAD	2.551	2.000	1.875
EXTREME SPREAD	3.093	2.290	1.909
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

9 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225937

CENTERFIRE PATTERNS # 2

POR

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS = 2.855

VS = 2.936

GS = 3.175

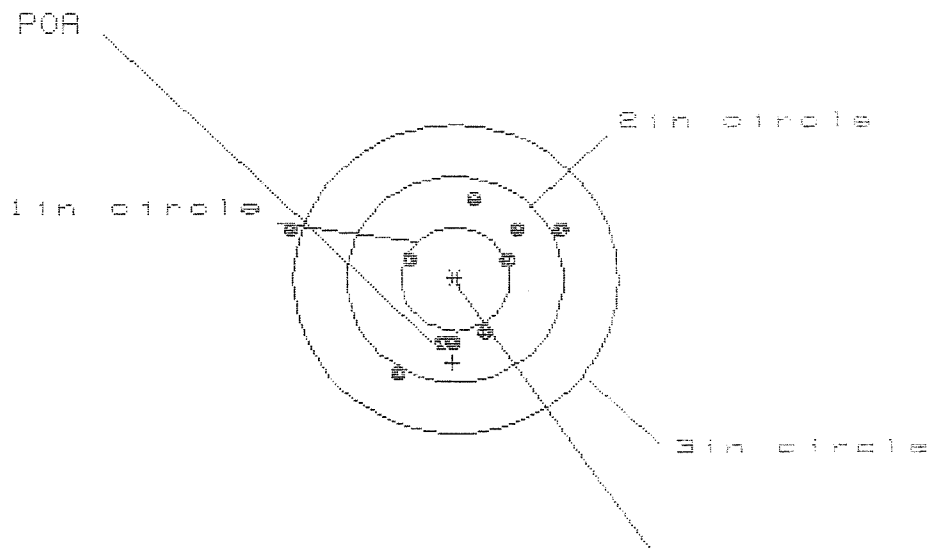
CENTROID *

PATTERN #	2
SHOTS (BEST OF)	10
MAXIMUM X	1.454
MINIMUM X	-1.401
MAXIMUM Y	1.967
MINIMUM Y	-0.969
CENTROID X	-0.295
CENTROID Y	-1.052
POR TO CENTROID in.	1.093
MIN RADIUS	.101
MEAN RADIUS	1.056
MAX RADIUS	1.983
HORIZONTAL SPREAD	2.855
VERTICAL SPREAD	2.936
EXTREME SPREAD	3.175
NUMBER IN ONE INCH CIRCLE	= 2
NUMBER IN TWO INCH CIRCLE	= 4
NUMBER IN THREE INCH CIRCLE	= 8

9 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225337

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS= 2.543

VS= 1.733

GS= 2.543

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.021
MINIMUM X	-1.522
MAXIMUM Y	.821
MINIMUM Y	-.912
CENTROID X	.026
CENTROID Y	.811
POA TO CENTROID in.	.811
MIN RADIUS	.414
MEAN RADIUS	.811
MAX RADIUS	1.608
HORIZONTAL SPREAD	2.543
VERTICAL SPREAD	1.733
EXTREME SPREAD	2.543
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	9

9 May 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225337

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 1

2 in = 3

3 in = 9

HS = 2.970

VS = 2.218

GS = 2.971

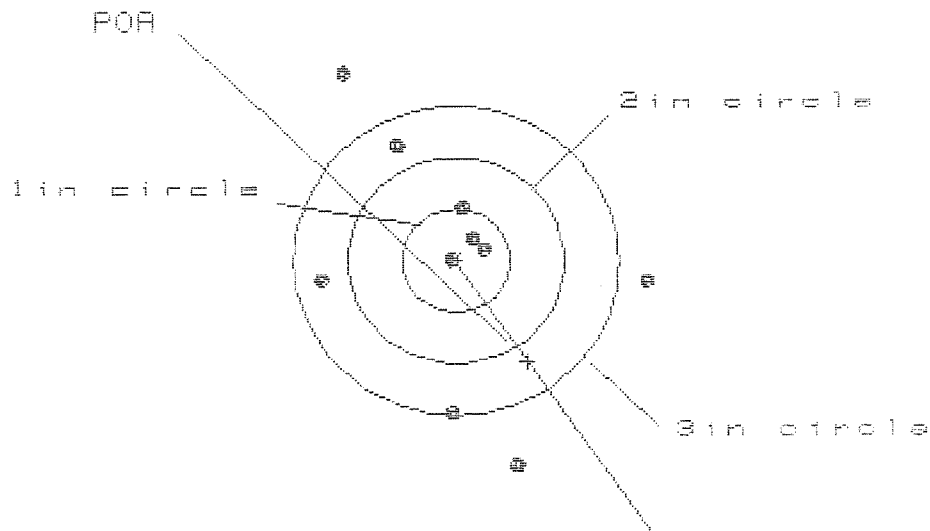
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.609	1.130	.982
MINIMUM X	:	-1.361	-1.182	-1.268
MAXIMUM Y	:	1.073	1.041	.991
MINIMUM Y	:	-1.145	-1.177	-1.227
CENTROID X	:	-.074	-.253	-.105
CENTROID Y	:	-.207	-.175	-.125
POA TO CENTROID in.	:	.220	.308	.164
MIN RADIUS	:	.481	.630	.565
MEAN RADIUS	:	1.075	1.018	.964
MAX RADIUS	:	1.635	1.249	1.275
HORIZONTAL SPREAD	:	2.970	2.312	2.250
VERTICAL SPREAD	:	2.218	2.218	2.218
EXTREME SPREAD	:	2.971	2.359	2.359
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

9 May 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225387

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 4

2 in = 4

3 in = 7

HS = 3.028

VS = 3.745

GS = 4.079

CENTROID #

PATTERN #	1	5	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.803	1.690	1.751
MINIMUM X	-1.226	-1.339	-1.278
MAXIMUM Y	1.806	1.305	1.088
MINIMUM Y	-1.939	-1.738	-1.459
CENTROID X	-.658	-.545	-.606
CENTROID Y	.983	.782	1.000
POA TO CENTROID in.	1.183	.953	1.169
MIN RADIUS	.016	.245	.064
MEAN RADIUS	1.085	1.025	.840
MAX RADIUS	2.072	1.805	1.759
HORIZONTAL SPREAD	3.029	3.029	3.029
VERTICAL SPREAD	3.745	3.043	2.546
EXTREME SPREAD	4.079	3.257	3.029
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225337

CENTROIDAL DISTANCES

0 TO	1	.701296
1 TO	2	.690476
1 TO	3	.653196
1 TO	4	.234676
1 TO	5	.571358

+ (----POA
4L

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1276
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.4786
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .495318

THE AMR FOR THIS RIFLE IS: 1

INTERCHANGEABILITY

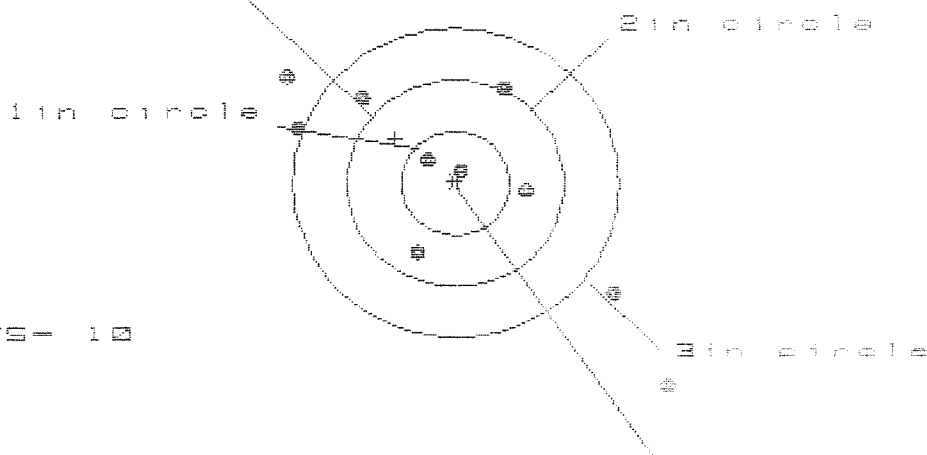
13 Dec 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225387.1

CENTERFIRE PATTERNS

1

POR



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 6

HS= 3.541

VS= 2.958

GS= 4.614

CENTROID +

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.945	1.638	1.466
MINIMUM X	-1.596	-1.388	-1.354
MAXIMUM Y	1.038	.825	.840
MINIMUM Y	-1.920	-1.266	-1.163
CENTROID X	.554	.338	.510
CENTROID Y	-.430	-.217	-.320
POR TO CENTROID in.	.701	.401	.602
MIN RADIUS	.140	.084	.091
MEAN RADIUS	1.193	.979	.892
MAX RADIUS	2.733	2.071	1.871
HORIZONTAL SPREAD	3.541	3.018	2.830
VERTICAL SPREAD	2.958	2.091	2.003
EXTREME SPREAD	4.614	3.672	3.250
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	6		

INTERCHANGEABILITY

13 Dec 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225337.1

CENTERFIRE PATTERNS # 2

POR

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 2

2in = 5

3in = 8

HS = 4.400

VS = 1.698

GS = 4.666

CENTROID *

PATTERN #	2
SHOTS (BEST OF)	10
MAXIMUM X	1.594
MINIMUM X	-2.836
MAXIMUM Y	.782
MINIMUM Y	-.916
CENTROID X	-.127
CENTROID Y	-.544
POR TO CENTROID in.	.558
MIN RADIUS	.098
MEAN RADIUS	1.085
MAX RADIUS	2.890
HORIZONTAL SPREAD	4.430
VERTICAL SPREAD	1.698
EXTREME SPREAD	4.666
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	8

INTERCHANGEABILITY

13 Dec 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225337.1

CENTERFIRE PATTERNS # 3

POR

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS = 2.242

VS = 2.411

GS = 2.693

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.070	1.121	.968
MINIMUM X	-1.272	-1.221	-1.027
MAXIMUM Y	.970	.810	.821
MINIMUM Y	-1.441	-.853	-.842
CENTROID X	-.099	-.150	.003
CENTROID Y	-.446	-.296	-.297
POR TO CENTROID in.	.457	.323	.297
MIN RADIUS	.283	.210	.360
MEAN RADIUS	.967	.886	.837
MAX RADIUS	1.512	1.409	1.283
HORIZONTAL SPREAD	2.342	2.342	1.996
VERTICAL SPREAD	2.411	1.663	1.663
EXTREME SPREAD	2.693	2.525	2.461
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

INTERCHANGEABILITY

13 Dec 1988

FILE:/PATTERNING/CENTERFIRE_FATT/G3225387.1

CENTERFIRE PATTERNS

4

POR

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 8

HS= 2.582

VS= 2.292

GS= 3.281

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.466	1.298	1.208
MINIMUM X	-1.117	-.954	-1.044
MAXIMUM Y	1.255	1.304	1.192
MINIMUM Y	-1.037	-.898	-.709
CENTROID X	.321	.158	.248
CENTROID Y	-.458	-.597	-.485
POR TO CENTROID in.	.559	.618	.545
MIN RADIUS	.480	.401	.527
MEAN RADIUS	1.080	.957	.933
MAX RADIUS	1.929	1.385	1.315
HORIZONTAL SPREAD	2.582	2.252	2.252
VERTICAL SPREAD	2.292	2.202	1.901
EXTREME SPREAD	3.281	2.453	2.453
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =			9

13 Dec 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225337.1

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 5

2 in = 7

3 in = 10

HS = 1.441

VS = 2.311

GS = 2.353

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.045	1.001	1.002
MINIMUM X	-.396	-.431	-.430
MAXIMUM Y	1.081	.945	.794
MINIMUM Y	-1.230	-.719	-.601
CENTROID X	-.011	.033	.032
CENTROID Y	-.515	-.379	-.497
POA TO CENTROID in.	.515	.380	.498
MIN RADIUS	.233	.207	.197
MEAN RADIUS	.675	.603	.549
MAX RADIUS	1.292	1.003	1.004
HORIZONTAL SPREAD	1.441	1.432	1.432
VERTICAL SPREAD	2.311	1.664	1.395
EXTREME SPREAD	2.353	1.693	1.466
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

BARBER M24 0013971 RECEIVING AND ESTIMATING REPORT

COMMENTS

M24 W/ULTRA 10X-M3A SCOPE

ORDER
R 94-19806

INITIAL
FPS CUSTOMER ORDER NO.

DATE RECEIVED 06/27/94 DATE OPENED 06/27/94 DATE CODE DI 9-88 SERIAL NUMBER C6225337 NEW SERIAL NUMBER MODEL AND GRADE 700 7.62 NATO
ACCESSORIES W/STUDS SCOPE BASE HARD CASE W/SCOPE MNTS

FROM:

DEPT OF THE ARMY
B CO. 1/75TH RGR REGT.
ATTN: ARMORER BLDG. 1279A
HAAF GA 31409

SHIP TO:

DEPT OF THE ARMY
B CO. 1/75TH RGR REGT.
ATTN: ARMORER BLDG. 1279A
HAAF GA 31409

CUST NO: 084578 C.G.D

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

R646169516

GUN CONDITION

- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN AMMO FUNCTION FINISH ACCURACY FIT INSPECT

CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

New Barrel

PARTS

COMMENTS

Barrel - 96003

Re powder Coat - Floor plate latch,
Trigger Guard Front & Rear
Sight Bases.
Magazine - Scope Base & Swivel
Studs

Target with Slave Scope

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW	✓	✓	✓	✓	
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
RW	6/28/94	7/20/94	7/22/94	7/22/94	

W52H094186 H234

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0013971

BARBER - M24 0013072 MAINTENANCE REQUEST				PAGE OF		REQUIREMENTS CONTROL SYMBOL CSGLD - 1047		CONTROL NUMBER															
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG																							
SECTION I - CUSTOMER DATA					SECTION II - MAINTENANCE ACTIVITY DATA																		
1a. WORK ORDER NO. 441131316		b. CUSTOMER UNIT NAME Bco 1/75/100		c. PHONE NO. 352-5513		3a. WORK ORDER NO (WON)		b. SHOP		c. PHONE NO.													
2. If Intransit Customer, enter data in Blocks 2a and 2b		2a. SAMS-2 UIC		b. UTILIZATION CODE		4a. UIC SUPPORT		b. SUPPORT UNIT NAME															
SECTION III - EQUIPMENT DATA																							
5. ID		6. NSN		15. FAILURE DETECTED DURING (Select one - use / or X)																			
7. TYPE MNT. REQ. CODE		8. MODEL M24		☒ A Sch. Main.		☒ C Test		☐ E Storage		☐ G Flight													
				☐ B Handling		☒ D Normal Op		☐ F Inspection		☐ H Other													
								☐ I Calibration															
9. NOUN 7.62 mm Rifle				16a. MILES/KILOMETERS (Enter or x)		b. HOURS		c. ROUNDS 110161616															
10a. ORG WON		b. EIC		d. LANDINGS		e. AUTO ROTATIONS		17. PROJ. CODE (If Assigned)		18. ACCT. PROCESSING CODE													
11. SERIAL NUMBER 11612151317		b. QTY.		13. PD		19. IN WARRANTY? (Y or N) Y		20. LEVEL OF WORK (Select one - use / or X)															
						☐ O Unit Level		☐ H Intermediate General Spt.		☐ I Special Repair Activity													
						☐ F Immediate Direct Spt.		☐ D Depot															
24. Describe Deficiencies or Symptoms on the basis of Complete Checkout and Diagnostic Procedure in Equipment TM (Do not prescribe repairs.) Filed over 10000 RDS						21. BUMPER NO./TAIL NO.		22. REIMBURSABLE CUSTOMER? (If Intransit Customer, enter Y or N) Y															
Score # 881268						23. PD AUTHENTICATION SIGNATURE (Payroll Signature)																	
SECTION IV - REPORTABLE DATA																							
25a. STA		b. ORD DATE		c. MIL TIME		a. STA		b. ORD DATE		c. MIL TIME													
SECTION V - TASK REQUIREMENTS DATA																							
27a. FILE IN-PUT CD.		b. TASK NO.		c. ACT RQD.		d. TASK DESCRIPTION				e. QTY. TO BE RPR		f. WORK CENTER		g. FAILURE CODE		h. MH RMN/PROJ							
SECTION VI - PART REQUIREMENTS																							
28a. FILE IN-PUT CD.		b. TASK NO.		c. ID		d. RQD NSN OR PART NO.				e. SFX CD		f. QTY. REQUIRED		g. QTY. ISSUED		h. NM CS		i. FAILURE CODE		j. STORAGE LOCATION		k. NOUN/INIT.	
SECTION VII - COMPLETION DATA																							
29. QTY. RPR		30. QTY. CONDEMN.		31. QTY. NRTS		32. EVAC WON		33. EVAC UNIT NAME															
SECTION VIII - ACTION SIGNATURES																							
34a. SUBMITTED BY KOPENTHAUT A KATW 5		35a. ACCEPTED BY		36a. WORK STARTED BY		37a. INSPECTED BY		38a. PICKED UP BY															
b. ST		c. ORD DATE		d. MIL TIME		b. ST		c. ORD DATE		d. MIL TIME		b. ST		c. ORD DATE		d. MIL TIME							
91411711																							

DA Label 18-1, Sep 83
Edition of Oct 74 will be used until exhausted.

DEPARTMENT OF THE ARMY

B CO 1/AS RGR REGT

ATTN: ARMORER

BLDG 1279A

HAAF 6A

31489-5122

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE. \$300

CONTRACT NO: DAAAD9-92-C-0834
REMINGTON ARMS COMPANY INC

ATTN: FABRICATED PRODUCTS DEPT

14 HOFELER AVENUE

RETURN RECEIPT
REQUESTED

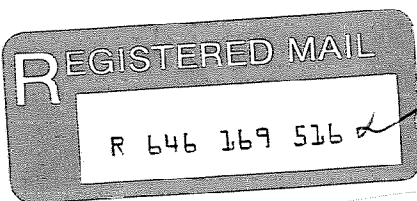
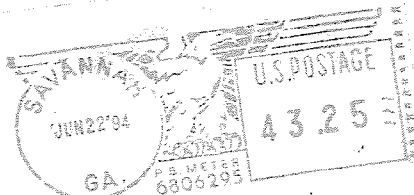
110W, NEW YORK

13357-1816

DEPARTMENT OF THE ARMY

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE. \$300

DA Label 18-1, Sep 83
Edition of Oct 74 will be used until exhausted.



55

Final Inspection

In: C6225337

DATE REC'D: 6/27/94

DATE RET'D:

EDITOR: RW

Item:

Barrel Assy.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

Scope Assy.

☐ Scope☐ Scope Rings☐ Mounting Screws☐ Mounting Base☐ Screws☐ Finish☐ Looseness☐ CLARITY

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

☒ Stock☒ Sling Swivel Studs☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

Systems Case

☐ Scope Case☐ Iron Sights☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SET

Comments:

CONTRACT # DAAA21-87-C-0086

*New Barrel*GUN SERIAL # *C6225337*

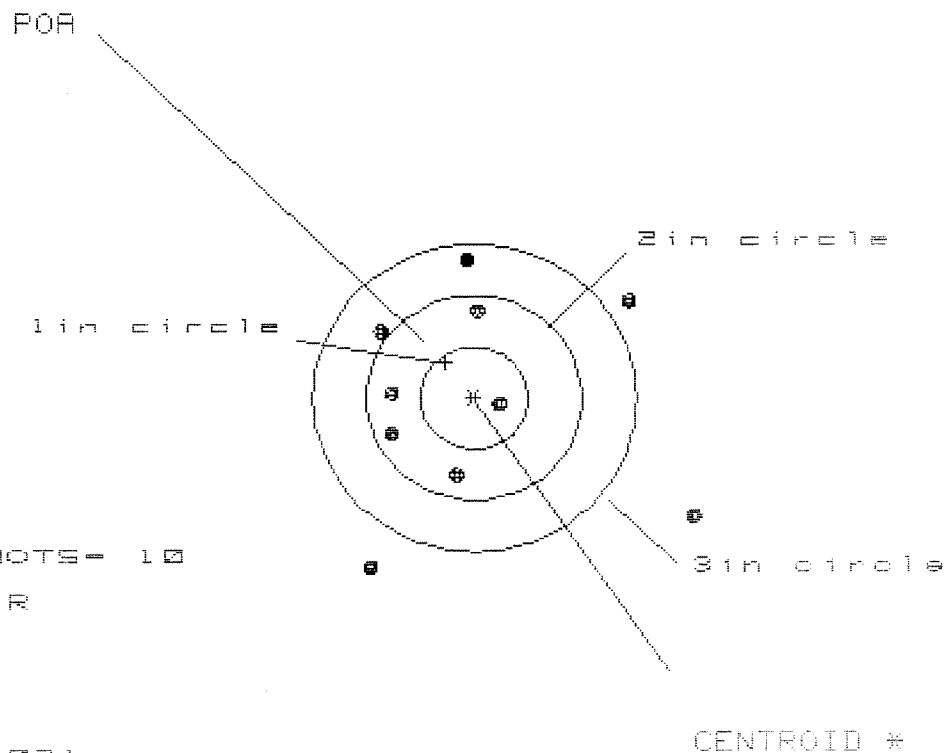
OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		<i>6/28/94</i>	<i>Rw</i>
600	Proof		<i>6/28/94</i>	<i>Rw</i>
607	Check Headspace		<i>6/28/94</i>	<i>Rw</i>
610	Dis-assemble Gun		<i>6/28/94</i>	<i>Rw</i>
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		<i>7/20/94</i>	<i>Rw</i>
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		<i>7/20/94</i>	<i>Rw</i>
	C) Inspect Ejector Hole for Chamfer		<i>7/20/94</i>	<i>Rw</i>
	D) Oil Firing Pin Ass'y		<i>7/20/94</i>	<i>Rw</i>
	E) Adjust Trigger Pull to Min Setting and Stake		<i>7/20/94</i>	<i>Rw</i>

op. #	BARBER - M24 0013076 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force							
	G) Safety Off Force							
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test						7/22/94	RW
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo						7/22/94	RW
655	Final Inspection							
	A) Headspace						7/23/94	RW
	B) Trigger Pull	2.73	2.65	2.65	2.60	2.58	7/23/94	RW
	C) Function						7/23/94	RW
660	Pack							

22 Jul 1994

FILE:/PATTERNING/CENTERFIRE_PATT/08225337

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS= 3.021

VS= 2.999

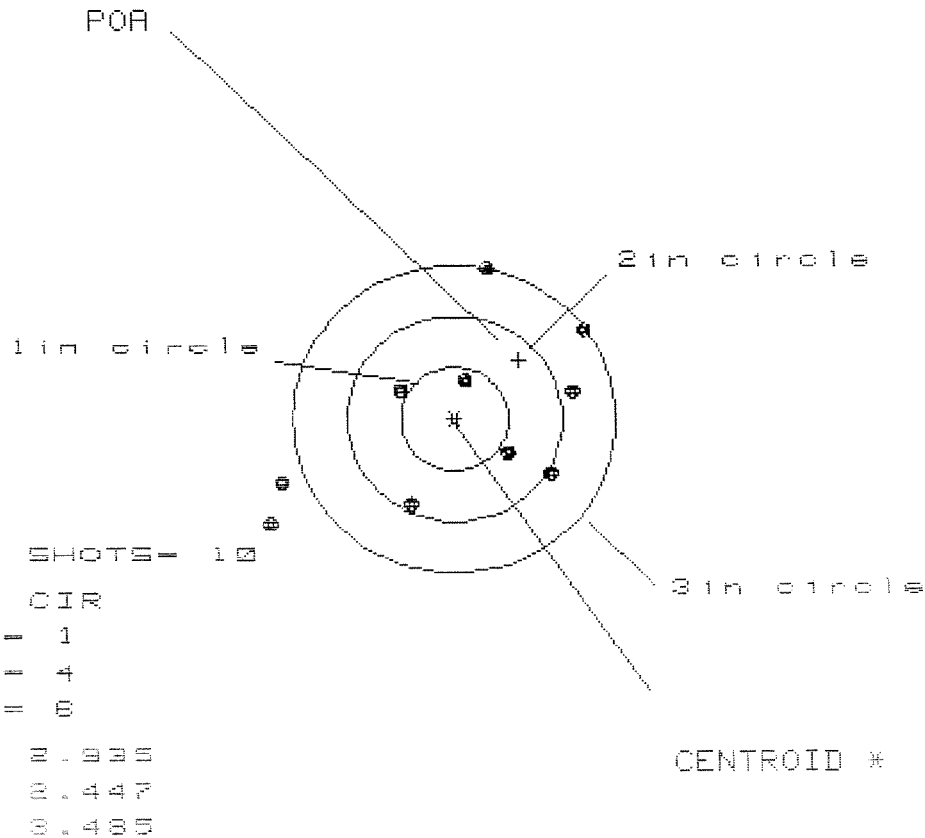
GS= 3.528

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.012	1.610	1.511
MINIMUM X	:	-1.009	-.785	-.730
MAXIMUM Y	:	1.388	1.255	1.037
MINIMUM Y	:	-1.611	-1.744	-1.145
CENTROID X	:	.268	.044	.143
CENTROID Y	:	-.350	-.217	.001
POA TO CENTROID in.	:	.441	.222	.143
MIN RADIUS	:	.218	.473	.528
MEAN RADIUS	:	1.199	1.039	.925
MAX RADIUS	:	2.341	1.913	1.637
HORIZONTAL SPREAD	:	3.021	2.395	2.241
VERTICAL SPREAD	:	2.999	2.999	2.182
EXTREME SPREAD	:	3.528	3.528	2.553
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	7		

22 Jul 1994

FILE:/PATTERNING/CENTERFIRE_PATT/08225337

CENTERFIRE PATTERNS # 2

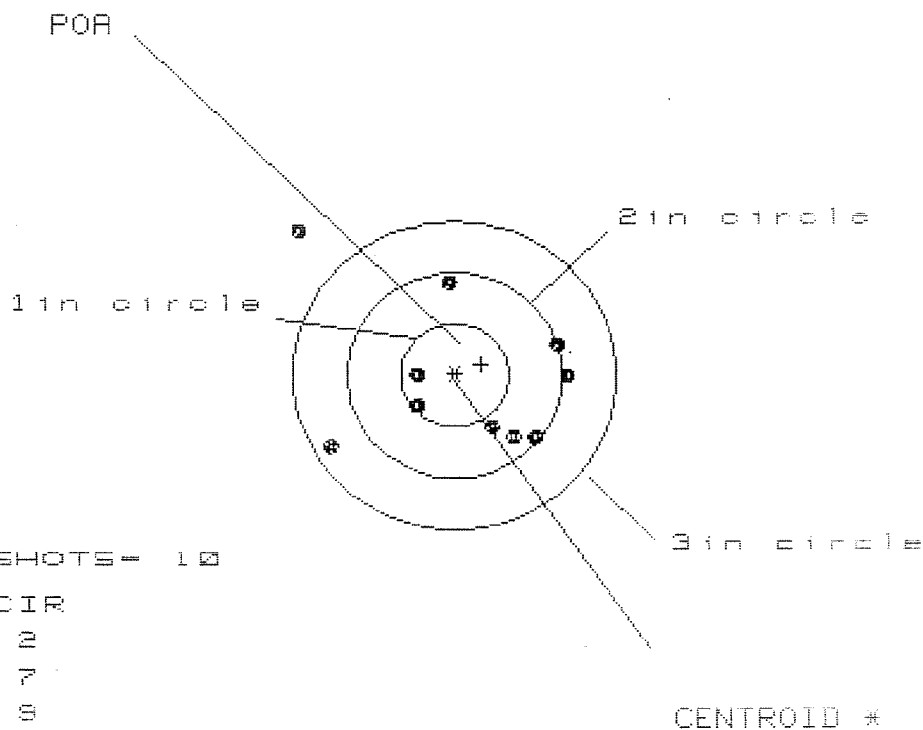


PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.238	1.049	.822
MINIMUM X	-1.697	-1.820	-.894
MAXIMUM Y	1.469	1.361	1.266
MINIMUM Y	-.978	-.944	-1.039
CENTROID X	-.595	-.406	-.179
CENTROID Y	-.574	-.466	-.371
POA TO CENTROID in.	.827	.618	.412
MIN RADIUS	.361	.240	.322
MEAN RADIUS	1.139	1.014	.874
MAX RADIUS	1.959	1.971	1.309
HORIZONTAL SPREAD	2.935	2.869	1.716
VERTICAL SPREAD	2.447	2.305	2.305
EXTREME SPREAD	3.485	3.260	2.409
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	6		

22 Jul 1994

FILE:/PATTERNING/CENTERFIRE_PATT/06225337

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 8

HS= 2.551

VS= 2.079

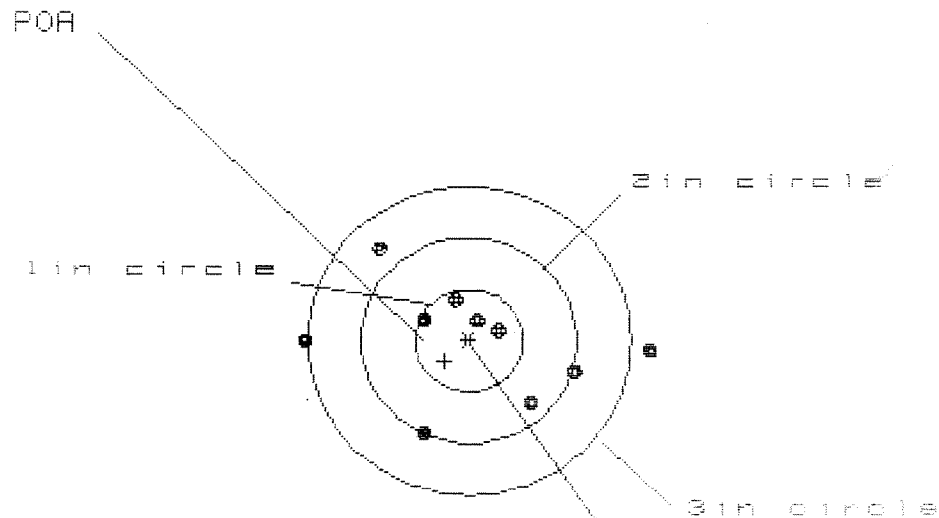
GS= 2.947

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.047	.880	.709
MINIMUM X	:	-1.504	-1.369	-.731
MAXIMUM Y	:	1.374	1.041	.972
MINIMUM Y	:	-.705	-.552	-.505
CENTROID X	:	-.245	-.078	.093
CENTROID Y	:	-.105	-.258	-.189
POA TO CENTROID in.	:	.267	.269	.210
MIN RADIUS	:	.393	.352	.389
MEAN RADIUS	:	.940	.777	.678
MAX RADIUS	:	2.037	1.476	1.047
HORIZONTAL SPREAD	:	2.551	2.249	1.440
VERTICAL SPREAD	:	2.079	1.593	1.477
EXTREME SPREAD	:	2.947	2.373	1.653
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

22 JUL 1994

FILE:/PATTERNING/CENTERFIRE_PATT/06225337

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 7

3 in = 8

HS = 2.245

VS = 1.802

GS = 3.248

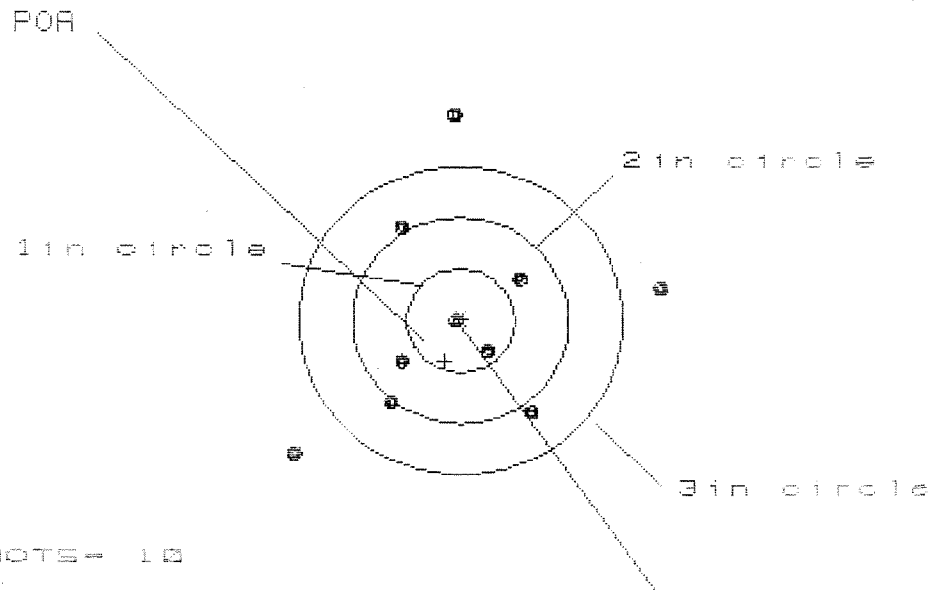
CENTROID *

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.677	1.111	.938
MINIMUM X	-1.568	-1.382	-.778
MAXIMUM Y	.926	.916	.920
MINIMUM Y	-.876	-.886	-.882
CENTROID X	.225	.039	.212
CENTROID Y	.200	.211	.207
POA TO CENTROID in.	.301	.214	.296
MIN RADIUS	.193	.281	.189
MEAN RADIUS	.865	.775	.674
MAX RADIUS	1.679	1.382	1.205
HORIZONTAL SPREAD	3.245	2.493	1.717
VERTICAL SPREAD	1.802	1.802	1.802
EXTREME SPREAD	3.248	2.519	2.122
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

22 Jul 1994

FILE:/PATTERNING/CENTERFIRE_PATT/06225337

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 2

2in = 4

3in = 7

HS = 3.408

VS = 3.336

GS = 3.766

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.908	1.894	1.705
MINIMUM X	:	-1.508	-1.514	-.848
MAXIMUM Y	:	2.050	1.159	1.027
MINIMUM Y	:	-1.286	-1.058	-.838
CENTROID X	:	.147	.153	.342
CENTROID Y	:	.393	.165	.297
POA TO CENTROID in.	:	.419	.225	.453
MIN RADIUS	:	.017	.242	.197
MEAN RADIUS	:	1.094	.979	.863
MAX RADIUS	:	2.051	1.971	1.754
HORIZONTAL SPREAD	:	3.408	3.408	2.553
VERTICAL SPREAD	:	3.336	2.217	1.865
EXTREME SPREAD	:	3.766	3.766	2.790
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	