

C6587613

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 94-18288

INITIAL FDC CUSTOMER ORDER NO. DAAA09-92-C-0834

W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN

Scope S/N 90 0783

DATE RECEIVED 06/10/94 DATE OPENED 06/10/94 DATE CODE SERIAL NUMBER C6587613 NEW SERIAL NUMBER MODEL AND GRADE 700 7-62 NATO
ACCESSORIES SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

CUST NO: 098397 CJD.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

FRT

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

PARTS

COMMENTS

New Barrel, Stock,
Trigger Assy.
Firing Pin Assy
Mag Spring
Front & Rear Sight Assy

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400023810

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. 6587613

DATE 5-7-96

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.58	2.69	2.38		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.43	2.54	2.29		
PULL #3	2.56	2.48	2.32		
PULL #4	2.54	2.45	2.27		
PULL #5	2.48	2.45	2.33		
TOTAL	12.59	12.61	11.59		
AVG.	2.51	2.52	2.31		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.13	2.98		
PULL #2	3.11	2.92		
PULL #3	3.06	3.00		
PULL #4	3.09	3.01		
PULL #5	3.08	2.98		
TOTAL	15.47	14.89		
AVG.	3.09	2.97		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	4.20		4.22
PULL #2	4.11	4.00		4.24
PULL #3	4.08	4.05		4.25
PULL #4	4.01	4.00		4.22
PULL #5	4.05	4.05		4.29
TOTAL	20.40	20.30		21.22
AVG.	4.08	4.06		4.24

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587613
27 Mar 1980

CENTROIDAL DISTANCES

0 TO 1	.508936
1 TO 2	.233857
1 TO 3	.249303
1 TO 4	.13438
1 TO 5	.270675

 ←---POA

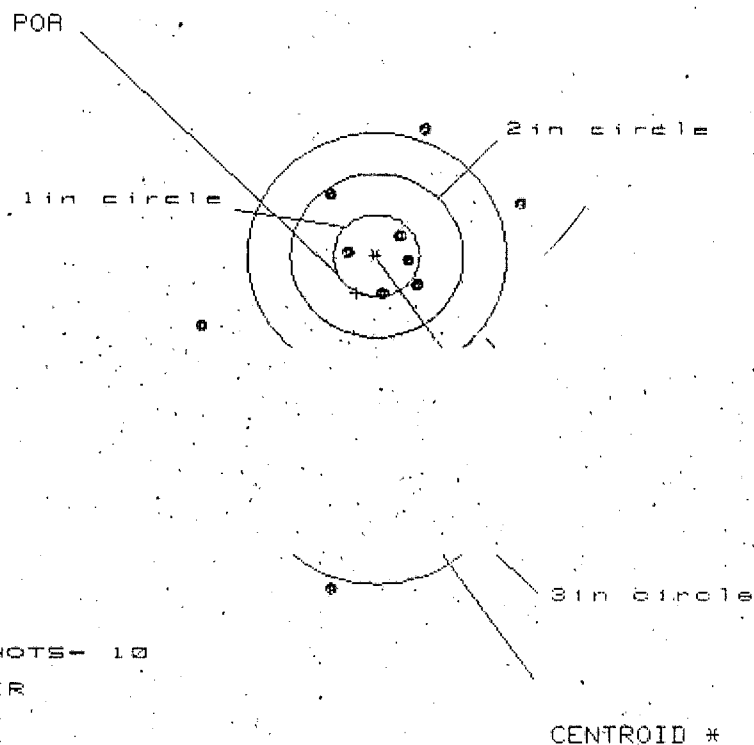
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2278
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3994
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .459797

THE AMR FOR THIS RIFLE IS: 1.034

27 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6587613

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 6

3 in = 6

HS= 3.690

VS= 3.034

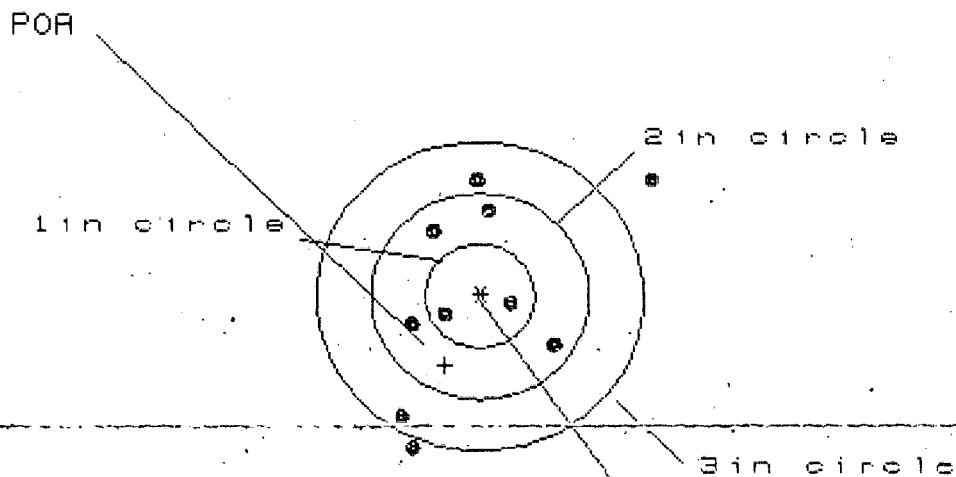
GS= 3.975

PATTERN #	:	11		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.702	1.481	.530
MINIMUM X	:	-1.988	-.762	-.577
MAXIMUM Y	:	1.530	1.440	1.512
MINIMUM Y	:	-1.504	-1.594	-1.522
CENTROID X	:	.230	.451	.266
CENTROID Y	:	.454	.544	.472
POA-TO-CENTROID (in)	:	.509	.707	.542
MIN RADIUS	:	.337	.143	.312
MEAN RADIUS	:	1.013	.862	.767
MAX RADIUS	:	2.147	1.756	1.618
HORIZONTAL SPREAD	:	3.690	2.243	1.107
VERTICAL SPREAD	:	3.034	3.034	3.034
EXTREME SPREAD	:	3.975	3.221	3.221
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		6	

27 Mar 1908

FILE:/PATTERNING/CENTERFIRE_PATT/C6587613

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 2.261

VS= 2.606

GS= 3.422

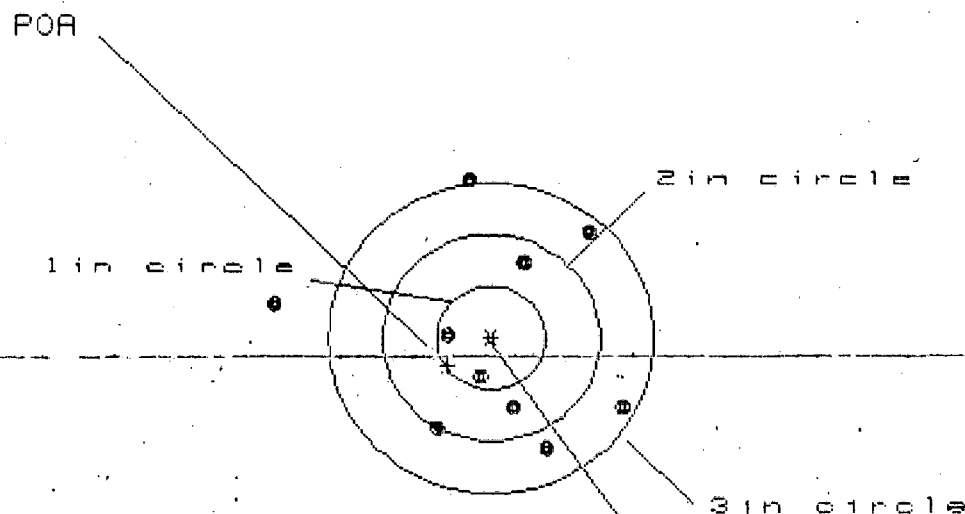
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.584	.848	.791
MINIMUM X	:	-.677	-.501	-.558
MAXIMUM Y	:	1.148	1.211	1.044
MINIMUM Y	:	-1.458	-1.330	-1.224
CENTROID X	:	.322	.146	.203
CENTROID Y	:	.669	.541	.708
POA TO CENTROID in.	:	.742	.561	.736
MIN RADIUS	:	.292	.132	.297
MEAN RADIUS	:	.973	.840	.765
MAX RADIUS	:	1.956	1.407	1.345
HORIZONTAL SPREAD	:	2.261	1.349	1.349
VERTICAL SPREAD	:	2.606	2.541	2.268
EXTREME SPREAD	:	3.422	2.622	2.370
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

27 22 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6587613

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS = 3.197

VS = 2.585

GS = 3.328

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.242	1.025	.972
MINIMUM X	:	-1.955	-.668	-.721
MAXIMUM Y	:	1.537	1.569	1.296
MINIMUM Y	:	-1.048	-1.016	-.820
CENTROID X	:	.396	.613	.666
CENTROID Y	:	.268	.236	.040
POA TO CENTROID in.	:	.478	.657	.667
MIN RADIUS	:	.353	.457	.413
MEAN RADIUS	:	1.082	.980	.867
MAX RADIUS	:	1.976	1.625	1.453
HORIZONTAL SPREAD	:	3.197	1.693	1.693
VERTICAL SPREAD	:	2.585	2.585	2.116
EXTREME SPREAD	:	3.328	2.670	2.412
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

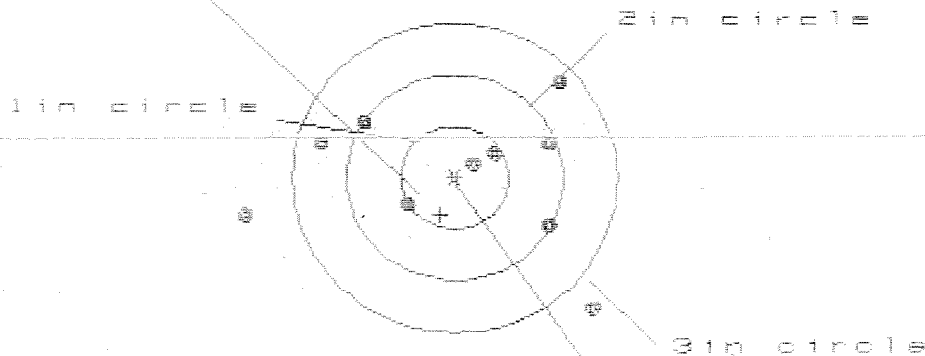
27 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06587613

CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS= 3.242

VS= 2.180

GS= 3.356

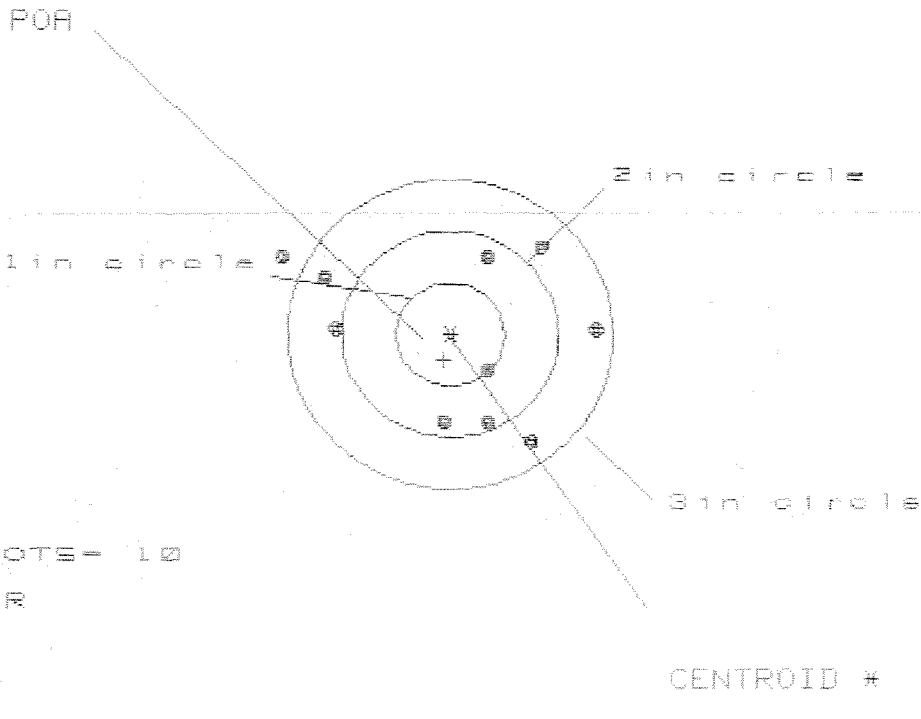
CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.278	1.060	.860
MINIMUM X	-1.964	-1.440	-1.307
MAXIMUM Y	.914	.870	.706
MINIMUM Y	-1.266	-1.310	-.708
CENTROID X	.133	.352	.219
CENTROID Y	.361	.405	.569
POA TO CENTROID in.	.385	.536	.610
MIN RADIUS	.152	.107	.122
MEAN RADIUS	1.028	.885	.779
MAX RADIUS	2.004	1.685	1.316
HORIZONTAL SPREAD	3.242	2.500	2.167
VERTICAL SPREAD	2.180	2.180	1.414
EXTREME SPREAD	3.356	2.981	2.237
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

27 Mar 1900

FILE:/PATTERNING/CENTERFIRE_PATT/08587613

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 9

HE= 2.880

VS= 1.847

GS= 2.957

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.336	1.163	.795
MINIMUM X	-1.554	-1.331	-1.185
MAXIMUM Y	.809	.888	.909
MINIMUM Y	-1.038	-.959	-.938
CENTROID X	.058	.231	.085
CENTROID Y	.245	.166	.145
POA TO CENTROID in.	.252	.284	.169
MIN RADIUS	.437	.266	.352
MEAN RADIUS	1.075	.969	.946
MAX RADIUS	1.710	1.459	1.337
HORIZONTAL SPREAD	2.890	2.494	1.981
VERTICAL SPREAD	1.847	1.847	1.847
EXTREME SPREAD	2.957	2.531	2.437
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 658 7613

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
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			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			5/29/96	AC
	G) Safety Off Force	3	3	3			5/29/96	AC
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.022	.023	.023			5/29/96	AC
	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							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.71	2.73	2.78	2.73	2.81	5/29/96	WS
	C) Function							
660	Pack							

Remington
REG. U.S. PAT. & TM. OFF.

MODEL 700™ M24

DUPONT
REG. U.S. PAT. & TM. OFF.

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

SERIAL NO.
 C6587613

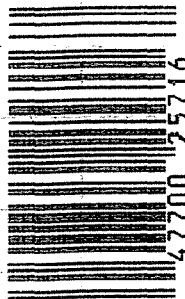
ORDER NO.
 5716

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



5716 C6587613

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587613

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/22/90	KA
600	Proof		10/22/90	KA
607	Check Headspace		10/22/90	KA
610	Dis-assemble Gun		10/22/90	KA
612	Magnaflux Barrel Action		10/24/90	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	JS
617	Drill and Tap Sight Holes		10/25/90	LS
618	Polish Barrel <i>LS</i>		10/26/90	LS
620	Apply Coatings (Barrel Action)		11-7-90	JA
	Apply Coating (Bolt)		11-7-90	JA
625	Final Assembly			
	A) Clean inside of Bolt Assembly		11/7/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/90	KS
	C) Inspect Ejector Hole for Chamfer		11/7/90	KS
	D) Oil Firing Pin Ass'y		11/7/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11/20/90	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3 1/2	3 1/2	3 1/2			11/26/90	WLB
	G) Safety Off Force	2	2	2			11/26/90	WLB
	H) Trigger Pull Test & Retainability						11/26/90	JL
	I) Firing Pin Indent	021	022	0215			11/26/90	WLB
	J) Assemble Stock						11/28/90	KS
	K) Assemble Swivel Studs						11-29-90	QJ8
	L) Attach Front and Rear Sight Assemblies						11/28/90	KS
	M) Iron Sight Alignment						11/28/90	KS
	N) Detach Front & Rear Sights & place in numbered container						11/28/90	KS
	O) Attach Scope to Rifle						11/28/90	KS
	P) Detach & Attach Scope 20 Times						11/28/90	KS
640	Gallery Target & Test						11/28/90	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						11/28/90	KT
655	Final Inspection							
	A) Headspace						11-29-90	QJ8
	B) Trigger Pull	285	293	283	287	285	11-29-90	QJ8
	C) Function						11-29-90	QJ8
660	Pack						12-7-90	DA

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. CL587613

DATE 11-20-90

TESTER JH.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.26	2.26	2.85	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.20	2.27	2.29	2.93	
PULL #3	2.15	2.28	2.32	2.83	
PULL #4	2.16	2.27	2.32	2.87	
PULL #5	2.31	2.34	2.36	2.85	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.34	3.32		
PULL #2	3.35	3.38		
PULL #3	3.18	3.32		
PULL #4	3.32	3.41		
PULL #5	3.24	3.25		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.23		4.20
PULL #2	4.29	4.34		4.31
PULL #3	4.32	4.32		4.27
PULL #4	4.28	4.27		4.33
PULL #5	4.27	4.28		4.23
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587613
29 Nov 1990

CENTROIDAL DISTANCES

0 TO 1	.0738241
1 TO 2	.470304
1 TO 3	.411011
1 TO 4	.127311
1 TO 5	.206932

$\frac{4}{3}$ $\leftarrow$ ----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1048
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0202
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .106729

THE AMR FOR THIS RIFLE IS: .9512

25 Nov 1998

FILE:/PATTERNING/CENTERFIRE PATT/C6587613

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.332

VS= 2.031

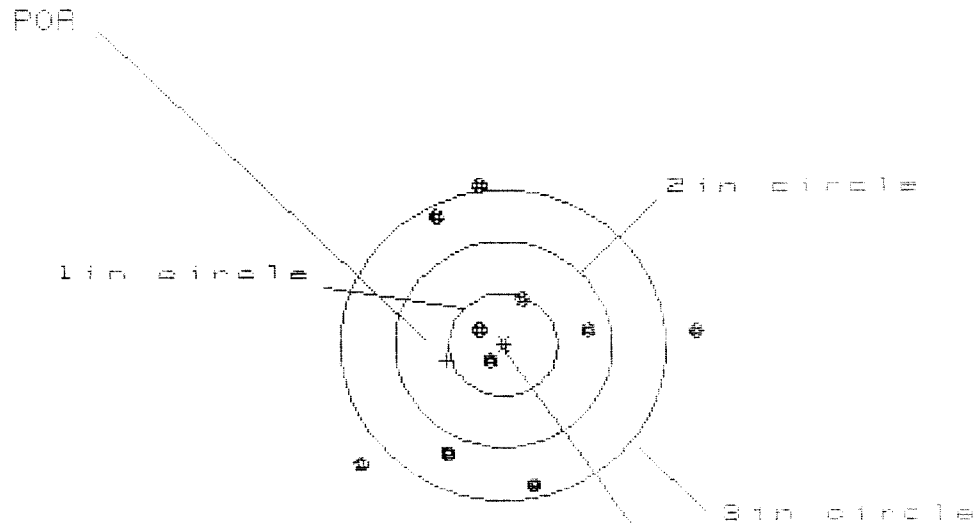
ES= 2.559

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.924	1.023	.858
MINIMUM X	:	-1.414	-1.315	-.618
MAXIMUM Y	:	.774	.634	.600
MINIMUM Y	:	-1.257	-.609	-.643
CENTROID X	:	.065	-.034	.131
CENTROID Y	:	.035	.175	.209
POA TO CENTROID in.	:	.074	.178	.247
MIN RADIUS	:	.396	.461	.375
MEAN RADIUS	:	.856	.770	.694
MAX RADIUS	:	1.538	1.344	.926
HORIZONTAL SPREAD	:	2.338	2.338	1.476
VERTICAL SPREAD	:	2.031	1.243	1.243
EXTREME SPREAD	:	2.559	2.423	1.535
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			9	

29 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587613

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS= 3.093

VS= 2.928

GS= 3.364

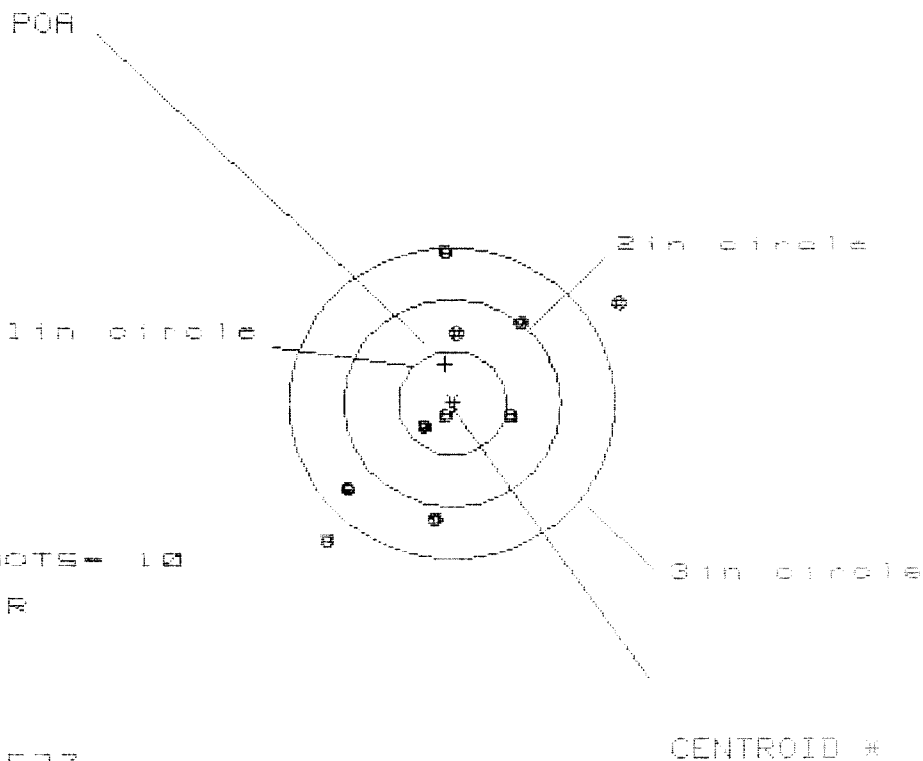
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.770	1.015	.874
MINIMUM X	:	-1.323	-1.126	-.558
MAXIMUM Y	:	1.541	1.562	1.422
MINIMUM Y	:	-1.387	-1.366	-1.506
CENTROID X	:	.520	.323	.464
CENTROID Y	:	.154	.133	.273
POR TO CENTROID in.	:	.542	.350	.538
MIN RADIUS	:	.182	.139	.217
MEAN RADIUS	:	1.085	.995	.904
MAX RADIUS	:	1.780	1.587	1.551
HORIZONTAL SPREAD	:	3.093	2.141	1.432
VERTICAL SPREAD	:	2.928	2.928	2.928
EXTREME SPREAD	:	3.364	2.970	2.970
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

25 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/05587613

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 2.637

VS= 2.796

ES= 3.510

CENTROID #

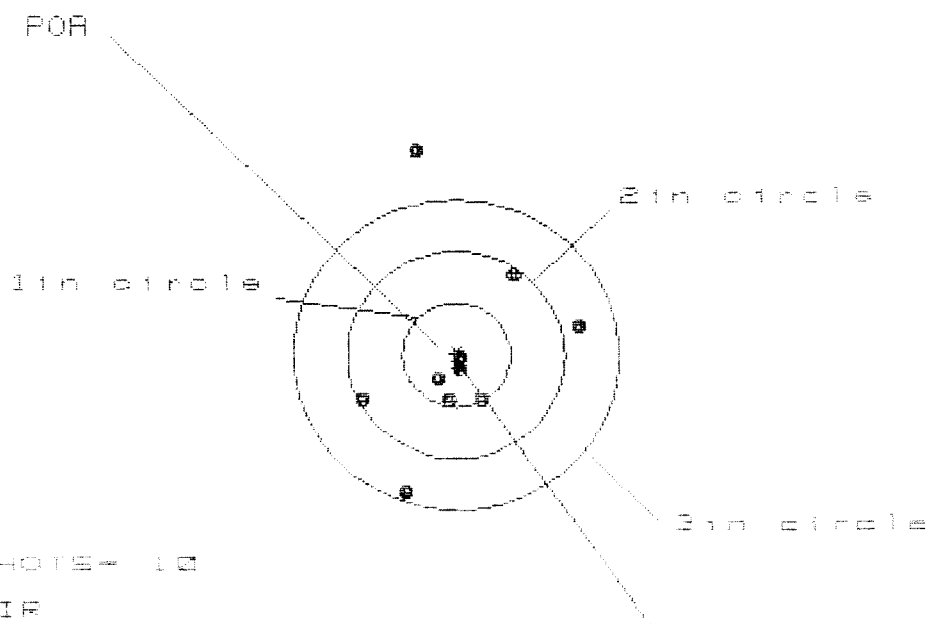
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.516	.792	.673
MINIMUM X	:	-1.121	-.953	-.874
MAXIMUM Y	:	1.428	1.534	1.376
MINIMUM Y	:	-1.368	-1.262	-1.187
CENTROID X	:	.062	-.106	.013
CENTROID Y	:	-.376	-.482	-.324
POA TO CENTROID in.	:	.382	.493	.324
MIN RADIUS	:	.164	.147	.214
MEAN RADIUS	:	1.007	.904	.819
MAX RADIUS	:	1.788	1.582	1.377
HORIZONTAL SPREAD	:	2.637	1.745	1.547
VERTICAL SPREAD	:	2.796	2.796	2.563
EXTREME SPREAD	:	3.510	2.977	2.564
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

29 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06587613

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 9

HS= 2.005

VS= 3.238

GS= 3.241

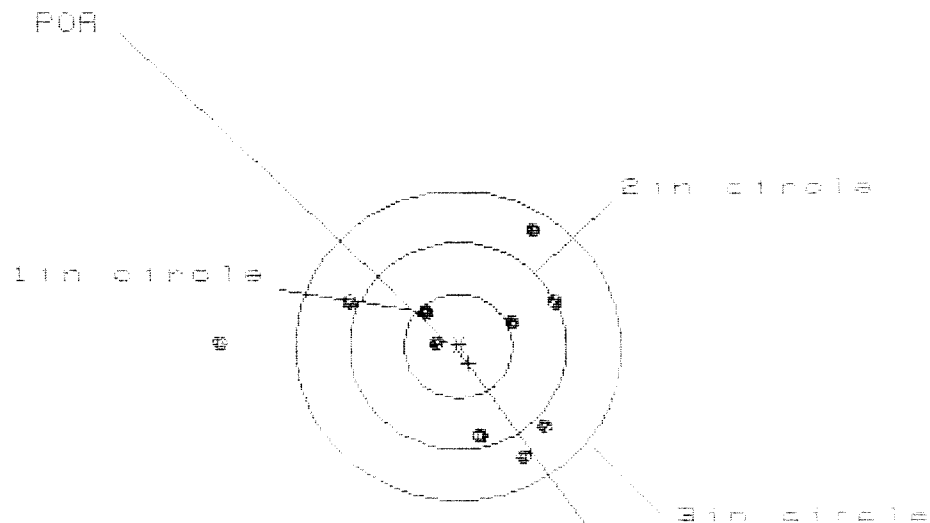
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.168	1.127	1.058
MINIMUM X	:	-.837	-.878	-.947
MAXIMUM Y	:	1.934	.950	.814
MINIMUM Y	:	-1.304	-1.089	-1.350
CENTROID X	:	-.027	.014	.083
CENTROID Y	:	.123	-.092	.044
POA TO CENTROID in.	:	.126	.093	.094
MIN RADIUS	:	.075	.073	.081
MEAN RADIUS	:	.788	.607	.548
MAX RADIUS	:	1.969	1.239	1.124
HORIZONTAL SPREAD	:	2.005	2.005	2.005
VERTICAL SPREAD	:	3.238	2.039	1.164
EXTREME SPREAD	:	3.241	2.323	2.117
NUMBER IN ONE INCH CIRCLE =			4	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			9	

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CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 2

2in = 4

3in = 9

HS = 3.139

VS = 2.181

GS = 3.165

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.927	.681	.740
MINIMUM X	-2.212	-1.297	-1.238
MAXIMUM Y	1.139	1.142	.599
MINIMUM Y	-1.042	-1.039	-.896
CENTROID X	-.096	.150	.091
CENTROID Y	.165	.162	.019
FOR TO CENTROID in.	.191	.221	.093
MIN RADIUS	.219	.359	.432
MEAN RADIUS	1.020	.868	.818
MAX RADIUS	2.213	1.375	1.376
HORIZONTAL SPREAD	3.139	1.978	1.978
VERTICAL SPREAD	2.181	2.181	1.495
EXTREME SPREAD	3.165	2.251	2.251
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	