

C6587526

MODEL 700™ M24

Model **SMS**™

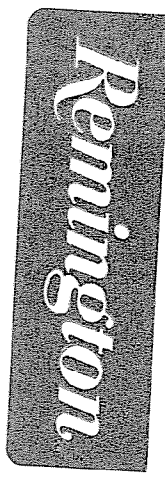
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-18838INITIAL CUSTOMER ORDER NO.
JJM DAAA09-92-C-0834W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT
ATTN FRED MARTIN *SCOPE 90-0574*DATE RECEIVED DATE OPENED DATE CODE
06/14/94 06/15/94SERIAL NUMBER
C6587526

NEW SERIAL NUMBER

MODEL AND GRADE

700 7.62

NATO

ACCESSORIES

HARD CASE

SCOPE MNTS

SCOPE BASE

SLING STRAP

FROM:

SHIP TO:

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

AL 36201-5025

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

CUST NO: 098397 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

FROM DATE

ESTIMATED

VIA

UPS

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

*Barrel
Stock
Trigger 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

M2400022057

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6587526

DATE 6-3-96

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.53	2.84	2.75		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.79	2.79		
PULL #3	2.49	2.90	2.83		
PULL #4	2.55	2.86	2.84		
PULL #5	2.59	2.84	2.85		
TOTAL	12.53	14.23	14.06		
AVG.	2.50	2.84	2.81		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.20		
PULL #2	3.14	3.10		
PULL #3	3.33	3.06		
PULL #4	3.23	3.19		
PULL #5	3.17	3.21		
TOTAL	16.14	15.76		
AVG.	3.22	3.15		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.05		4.30
PULL #2	4.14	4.18		4.19
PULL #3	4.13	4.11		4.26
PULL #4	4.16	4.22		4.26
PULL #5	4.11	4.24		4.21
TOTAL	20.74	20.80		21.22
AVG.	4.14	4.16		4.24

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587526
10 Apr 1988

CENTROIDAL DISTANCES

0 TO	1	.548835
1 TO	2	.240104
1 TO	3	.241835
1 TO	4	.327611
1 TO	5	.427215

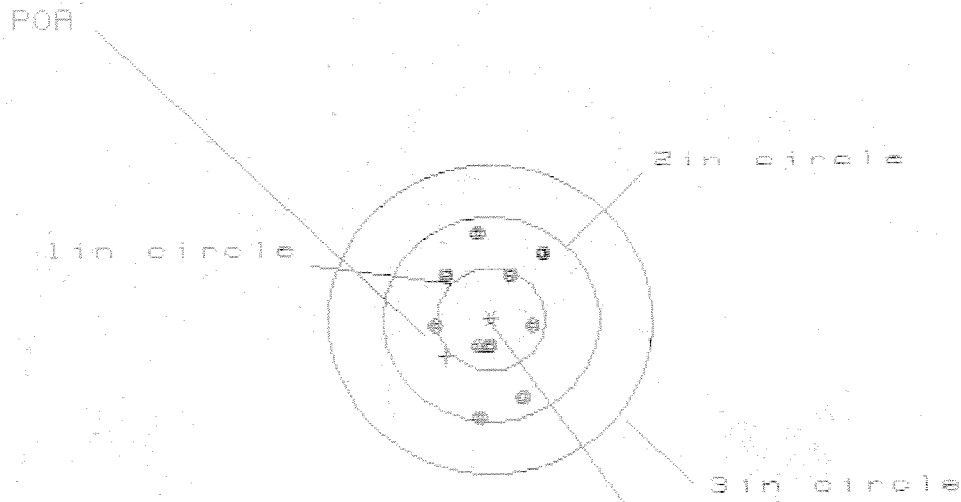
104 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3016
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2284
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .378324
THE AMR FOR THIS RIFLE IS: .8202

18 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6587526

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 4

2in = 10

3in = 10

HS = .966

VS = 1.801

GS = 1.802

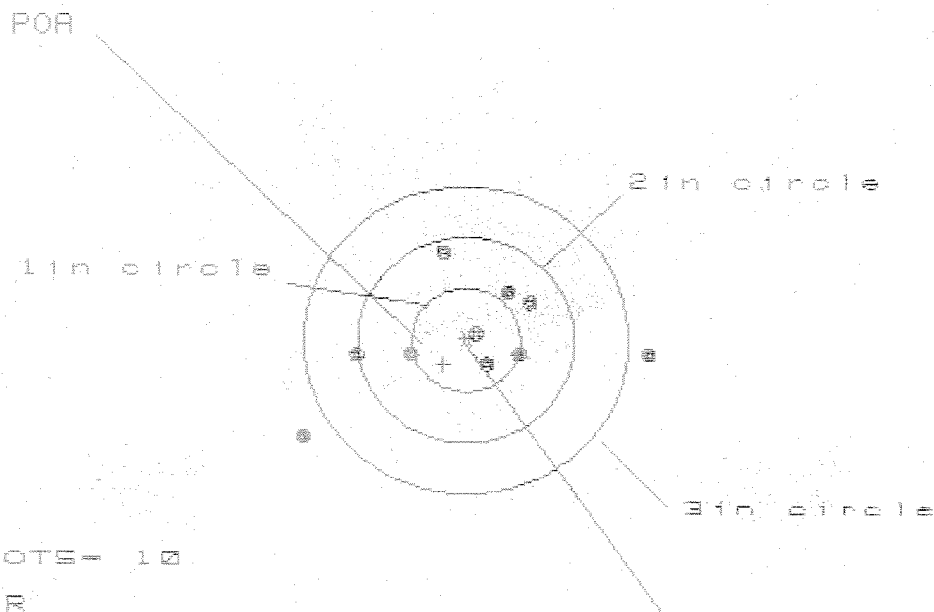
CENTROID *

PATTERN #		10	9	8
SHOTS (BEST OF)		10	9	8
MAXIMUM X		.449	.440	.476
MINIMUM X		-.517	-.526	-.490
MAXIMUM Y		.817	.708	.597
MINIMUM Y		-.984	-.890	-.498
CENTROID X		.416	.425	.389
CENTROID Y		.358	.467	.578
POA TO CENTROID in.		.548	.631	.697
MIN RADIUS		.266	.349	.285
MEAN RADIUS		.602	.559	.508
MAX RADIUS		.987	.934	.651
HORIZONTAL SPREAD		.966	.966	.966
VERTICAL SPREAD		1.801	1.598	1.095
EXTREME SPREAD		1.802	1.652	1.201
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		10	
NUMBER IN THREE INCH CIRCLE	=		10	

10 Apr 1988

FILE: PATTERNING/CENTERFIRE_PATT/08587526

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 8

HS= 3.245

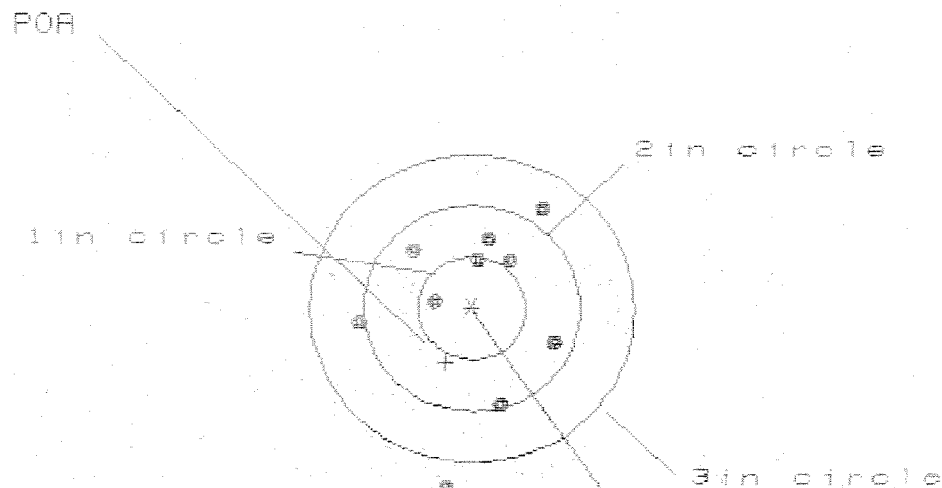
VS= 1.784

GS= 3.337

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.696	1.523	.590
MINIMUM X	:	-1.549	-1.166	-.975
MAXIMUM Y	:	.830	.724	.688
MINIMUM Y	:	-.954	-.333	-.369
CENTROID X	:	.211	.384	.193
CENTROID Y	:	.233	.339	.375
POA TO CENTROID in.	:	.315	.512	.422
MIN RADIUS	:	.111	.095	.122
MEAN RADIUS	:	.804	.664	.561
MAX RADIUS	:	1.820	1.549	1.023
HORIZONTAL SPREAD	:	3.245	2.689	1.565
VERTICAL SPREAD	:	1.784	1.057	1.057
EXTREME SPREAD	:	3.337	2.689	1.664
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 1.782

VS= 2.664

GS= 2.833

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.784	.754	.837
MINIMUM X	:	-.998	-1.028	-.945
MAXIMUM Y	:	.972	.784	.553
MINIMUM Y	:	-1.692	-1.166	-1.068
CENTROID X	:	.246	.276	.193
CENTROID Y	:	.530	.718	.620
POA TO CENTROID in.	:	.584	.769	.649
MIN RADIUS	:	.360	.259	.303
MEAN RADIUS	:	.862	.719	.689
MAX RADIUS	:	1.713	1.180	1.100
HORIZONTAL SPREAD	:	1.782	1.782	1.782
VERTICAL SPREAD	:	2.664	1.950	1.621
EXTREME SPREAD	:	2.833	2.044	1.786
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

10 Apr 1968

FILE: PATTERNING/CENTERFIRE_PATT/06587526

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 3

2 in = 4

3 in = 8

HE= 2.280

VS= 3.073

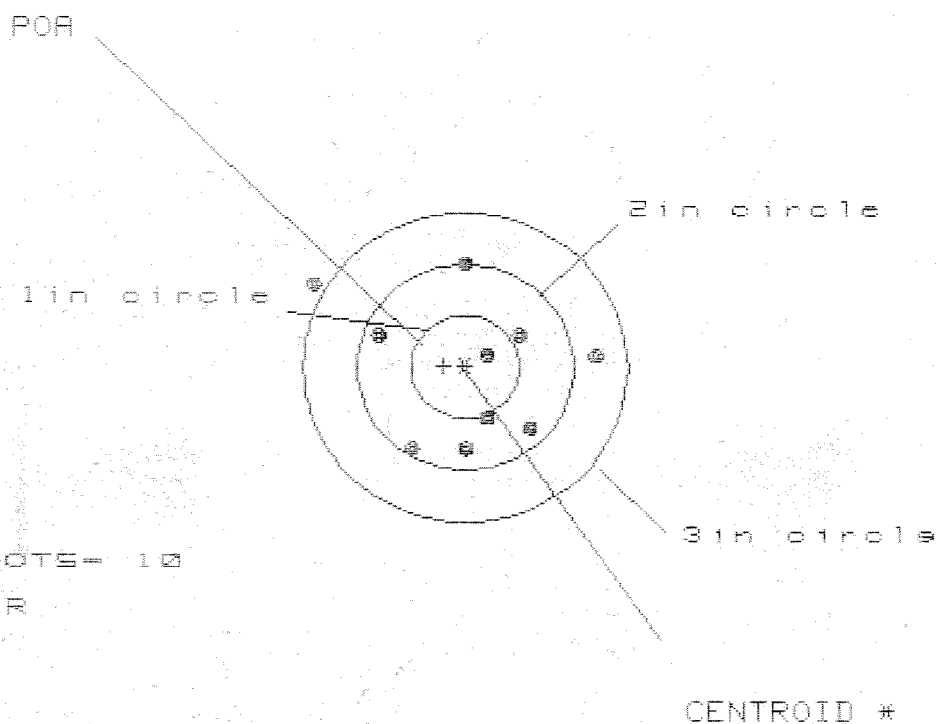
GS= 3.595

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.074	1.148	1.006
MINIMUM X	-1.206	-1.132	-1.204
MAXIMUM Y	1.330	1.136	1.115
MINIMUM Y	-1.743	-1.061	-0.919
CENTROID X	.436	.362	.504
CENTROID Y	.031	.225	.083
POA TO CENTROID in.	.437	.427	.511
MIN RADIUS	.043	.251	.108
MEAN RADIUS	.982	.882	.774
MAX RADIUS	1.864	1.604	1.208
HORIZONTAL SPREAD	2.280	2.200	2.210
VERTICAL SPREAD	3.073	2.197	2.034
EXTREME SPREAD	3.595	2.966	2.269
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		8	

10 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8587526

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 8

3in = 9

HS= 2.581

VS= 1.766

GS= 2.673

PATTERN #	5	6	7
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.223	1.074	.634
MINIMUM X	-1.356	-.828	-.793
MAXIMUM Y	.392	1.083	1.110
MINIMUM Y	-.774	-.633	-.656
CENTROID X	.199	.350	.215
CENTROID Y	-.010	-.101	-.128
POA TO CENTROID in.	.199	.364	.250
MIN RADIUS	.172	.167	.238
MEAN RADIUS	.851	.742	.791
MAX RADIUS	1.584	1.099	1.111
HORIZONTAL SPREAD	2.581	2.002	1.427
VERTICAL SPREAD	1.766	1.766	1.766
EXTREME SPREAD	2.673	2.008	1.831
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587526

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	6	6	6			6/8/96	WB
	G) Safety Off Force	3	3	3			6/8/96	WB
	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							
	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	2.45	2.43	2.42	2.42	2.37	6/7/96	WB
	C) Function							
660	Pack							

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

MODEL 700TM H24

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

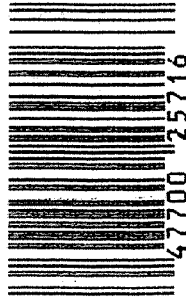
VERY IMPORTANT!
 Instruction Book
 enclosed to assure
 safe use of this
 firearm.

SERIAL NO. C6587526	ORDER NO. 5716
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5716 C6587526

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6587526

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		10/24/90	KR
615	Rollmark Caliber		10/24/90	GS
617	Drill and Tap Sight Holes		10/25/90	FB
618	Polish Barrel	FB	10/26/90	LCB
620	Apply Coatings (Barrel Action)		11-7-90	TH
	Apply Coating (Bolt)			
625	Final Assembly		11/8/90	KS
	A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/8/90	KS
	C) Inspect Ejector Hole for Chamfer		11/8/90	KS
	D) Oil Firing Pin Ass'y		11/8/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11-16-90	KS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/2	5 1/2	5 1/2			11/15/90	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			11/15/90	WB
	H) Trigger Pull Test & Retainability						11-16-90	SH
	I) Firing Pin Indent	.021	.021	.021			11/15/90	WB
	J) Assemble Stock						11/16/90	KS
	K) Assemble Swivel Studs						11-16-90	D/H
	L) Attach Front and Rear Sight Assemblies						11/16/90	KS
	M) Iron Sight Alignment						11/16/90	KS
	N) Detach Front & Rear Sights & place in numbered container						11/16/90	KS
	O) Attach Scope to Rifle						11/16/90	KS
	P) Detach & Attach Scope 20 Times						11/16/90	KS
640	Gallery Target & Test						11-26-90	KT
	A) Time						11-26-90	KT
	B) Malfunctions						11-26-90	KT
	C) Pierced Primers						11-26-90	KT
	D) Optical Clarity of Scope						11-26-90	KT
645	Inspect for Live Ammo						11-26-90	KT
655	Final Inspection							
	A) Headspace						11-25-90	D/H
	B) Trigger Pull	224	221	228	227	219	11-25-90	D/H
	C) Function						11-25-90	D/H
660	Pack						12-18-90	D/H

SWS TRIGGER PULL TEST

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

SERIAL NO. 06587526

DATE 11-16-90

TESTER gll

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.44	2.50	224	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.32	2.39	221	
PULL #3	2.20	2.49	2.42	228	
PULL #4	2.40	2.18	2.43	227	
PULL #5	2.28	2.42	2.47	219	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.45	3.25		
PULL #2	3.23	3.33		
PULL #3	3.24	3.32		
PULL #4	3.32	3.33		
PULL #5	3.23	3.31		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.29		4.24
PULL #2	4.18	4.12		4.19
PULL #3	4.21	4.18		4.26
PULL #4	4.18	4.21		4.24
PULL #5	4.32	4.20		4.24
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587526
27 Nov 1990

CENTROIDAL DISTANCES

0 TO 1	.420629
1 TO 2	.690132
1 TO 3	.351283
1 TO 4	.437924
1 TO 5	.501886

σ^2 <----POB

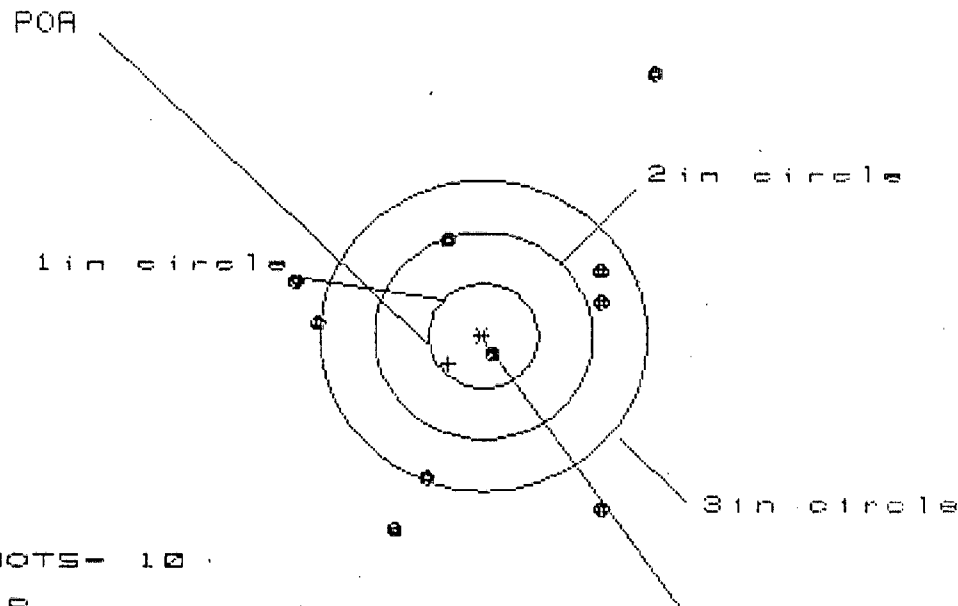
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1208
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0664
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .137846

THE AMR FOR THIS RIFLE IS: 1.268

27 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587526

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 2

3 in = 5

HS= 3.392

VS= 4.449

GS= 5.092

CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.624	1.306	1.222
MINIMUM X	:	-1.768	-1.588	-1.672
MAXIMUM Y	:	2.574	1.206	1.008
MINIMUM Y	:	-1.875	-1.589	-1.628
CENTROID X	:	.320	.140	.224
CENTROID Y	:	.273	-.013	.185
POA TO CENTROID in.	:	.421	.141	.291
MIN RADIUS	:	.224	.297	.229
MEAN RADIUS	:	1.559	1.386	1.314
MAX RADIUS	:	3.044	1.891	1.996
HORIZONTAL SPREAD	:	3.392	2.894	2.894
VERTICAL SPREAD	:	4.449	2.795	2.636
EXTREME SPREAD	:	5.092	3.615	3.615
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		5	

27 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06587526

CENTERFIRE PATTERNS # 2

FOR

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 7

HS= 2.835

VS= 3.832

GS= 4.564

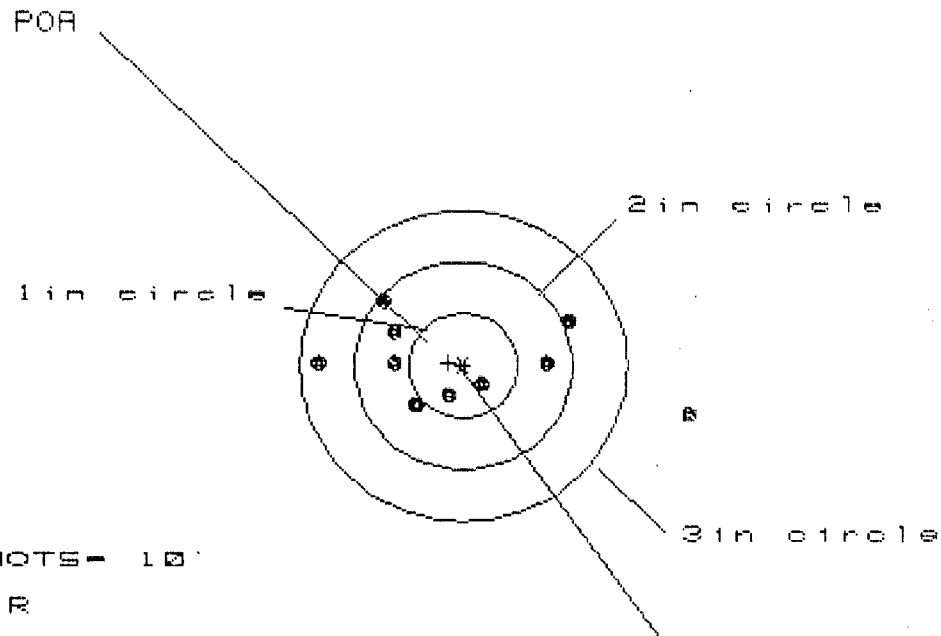
CENTROID #

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.813	.589	.618
MINIMUM X	-2.022	-.524	-.495
MAXIMUM Y	2.152	1.965	1.711
MINIMUM Y	-1.680	-1.201	-.955
CENTROID X	-.111	.113	.084
CENTROID Y	-.266	-.079	-.325
FOR TO CENTROID in.	.288	.138	.336
MIN RADIUS	.301	.568	.435
MEAN RADIUS	1.202	1.080	.880
MAX RADIUS	2.629	1.979	1.742
HORIZONTAL SPREAD	2.935	1.113	1.113
VERTICAL SPREAD	3.832	3.166	2.666
EXTREME SPREAD	4.564	3.174	2.682
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

27 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587526

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 3.446

VS= 1.114

GS= 3.477

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	2.103
MINIMUM X	-1.343
MAXIMUM Y	.638
MINIMUM Y	-.476
CENTROID X	.134
CENTROID Y	-.025
POA TO CENTROID in.	.136
MIN RADIUS	.232
MEAN RADIUS	.880
MAX RADIUS	2.156
HORIZONTAL SPREAD	3.446
VERTICAL SPREAD	1.114
EXTREME SPREAD	3.477
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	9

27 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08587526

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 3

2 in = 5

3 in = 0

H0 = 0.0007

V0 = 0.0077

G0 = 0.0000

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.798	1.744	1.291
MINIMUM X	:	-1.499	-1.553	-1.335
MAXIMUM Y	:	1.505	1.242	1.196
MINIMUM Y	:	-2.372	-1.931	-1.978
CENTROID X	:	.144	.198	-.020
CENTROID Y	:	-.128	.136	.182
POA TO CENTROID in.	:	.192	.240	.184
MIN RADIUS	:	.352	.165	.262
MEAN RADIUS	:	1.270	1.092	.997
MAX RADIUS	:	2.421	1.962	1.982
HORIZONTAL SPREAD	:	3.297	3.297	2.626
VERTICAL SPREAD	:	3.877	3.173	3.173
EXTREME SPREAD	:	3.890	3.423	3.176
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		5	

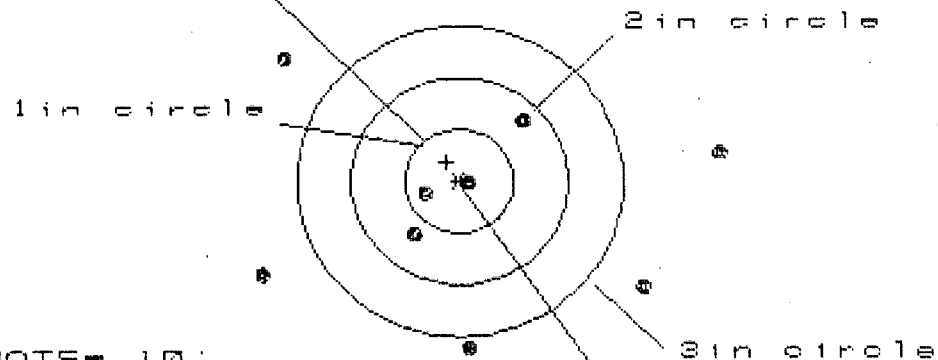
27 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06587526

CENTERFIRE PATTERNS

5

POA



OF SHOTS - 10

IN CIR

1in = 2

2in = 4

3in = 4

HS = 4.210

VS = 3.947

GS = 4.362

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.350	1.938	1.908
MINIMUM X	-1.860	-1.599	-1.629
MAXIMUM Y	2.287	2.317	1.465
MINIMUM Y	-1.660	-1.630	-1.340
CENTROID X	.117	-.144	-.144
CENTROID Y	-.186	-.216	-.506
POA TO CENTROID in.	.219	.260	.518
MIN RADIUS	.089	.135	.175
MEAN RADIUS	1.428	1.310	1.150
MAX RADIUS	2.366	2.330	2.030
HORIZONTAL SPREAD	4.210	3.537	3.537
VERTICAL SPREAD	3.947	3.947	2.805
EXTREME SPREAD	4.362	3.986	3.949
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	4		