

C6587661

MODEL 700™ M24

Model **SWS**™

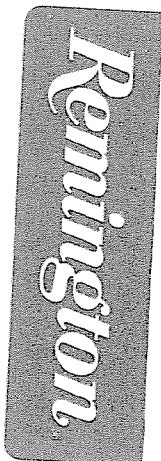
Action _____

Barrel Length _____

Capacity _____

Order No. **5716**

*Includes 1 in chamber.



RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 94-18374

INITIAL CUSTOMER ORDER NO.

FDC DAAA09-92-C-0834

W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT

ATTN: FRED MARTIN

SCOPE 91-0167

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

06/11/94

06/11/94

C6587661

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 36201-5025

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

AL
36201-5025

CUST NO: 098397 C.E.D.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	A	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

Trigger Ass

Firing Pin

Mag Spring

Front & Rear Sight Assy

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD5925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400024766

SWS TRIGGER PULL TEST

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

SERIAL NO. 06587661

DATE 3-11-96

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	264	258	248	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	263	245	264	
PULL #3	260	256	248	
PULL #4	256	243	243	
PULL #5	241	266	251	
TOTAL	1284	1268	1254	
AVG.	256	253	250	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	307	302	
PULL #2	310	294	
PULL #3	306	294	
PULL #4	310	300	
PULL #5	304	300	
TOTAL	1537	1490	
AVG.	307	298	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	423	413		4.27
PULL #2	428	421		4.25
PULL #3	417	418		4.21
PULL #4	420	420		4.29
PULL #5	420	421		4.25
TOTAL	2108	2093		2127
AVG.	421	418		4.25

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587761
22 Jan 1988

CENTROIDAL DISTANCES

0 TO 1	.917576
1 TO 2	.372759
1 TO 3	.545367
1 TO 4	.443005
1 TO 5	.915492

1.4
2.9
+5 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3566
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .5908
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .690078
THE AMR FOR THIS RIFLE IS: .948

22 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6587761

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 4

3 in = 8

HS= 2.340

VS= 2.749

GS= 3.607

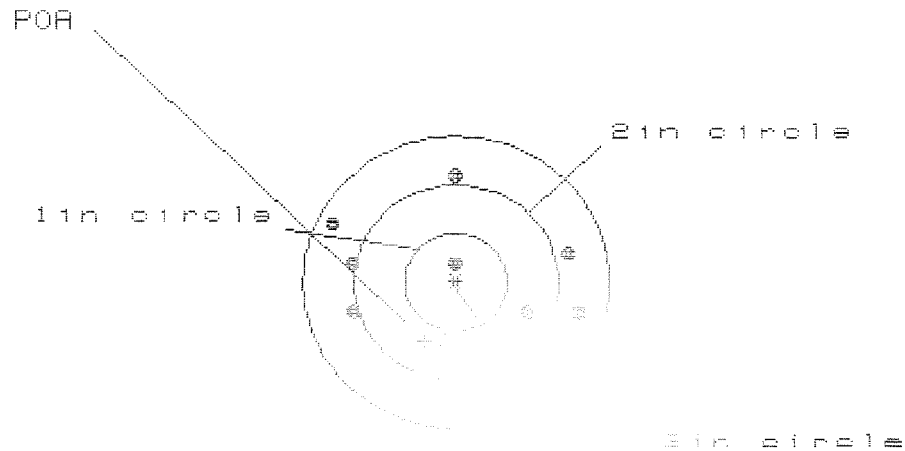
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.946	.791	.890
MINIMUM X	-1.394	-1.120	-1.021
MAXIMUM Y	1.551	1.418	.996
MINIMUM Y	-1.198	-1.051	-.873
CENTROID X	.101	.256	.157
CENTROID Y	.912	1.045	.867
POA TO CENTROID in.	.917	1.076	.882
MIN RADIUS	.144	.093	.174
MEAN RADIUS	.994	.887	.778
MAX RADIUS	1.838	1.622	1.084
HORIZONTAL SPREAD	2.340	1.911	1.911
VERTICAL SPREAD	2.749	2.469	1.869
EXTREME SPREAD	3.607	2.903	2.126
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

22 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C85877B1

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.368

VS= 1.814

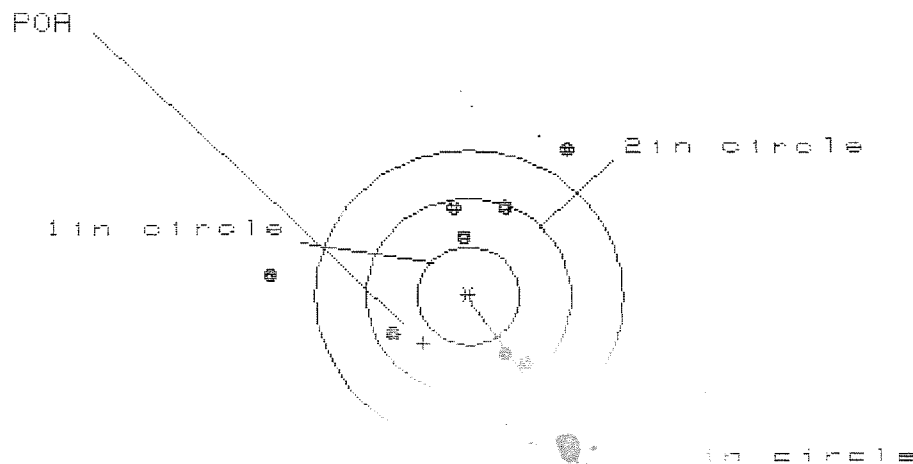
GS= 2.552

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.202	1.073	1.123
MINIMUM X	:	-1.166	-1.161	-1.027
MAXIMUM Y	:	1.051	1.119	1.086
MINIMUM Y	:	-.763	-.695	-.728
CENTROID X	:	.308	.437	.303
CENTROID Y	:	.602	.534	.567
POR TO CENTROID in.	:	.676	.690	.643
MIN RADIUS	:	.164	.274	.199
MEAN RADIUS	:	.918	.864	.826
MAX RADIUS	:	1.319	1.183	1.183
HORIZONTAL SPREAD	:	2.368	2.234	2.150
VERTICAL SPREAD	:	1.814	1.814	1.814
EXTREME SPREAD	:	2.552	2.241	2.241
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	10		

22 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C8587781

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 0

2in = 6

3in = 8

HS= 2.895

VS= 2.799

GS= 3.159

CENTROID #

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.984	.772	.468
MINIMUM X	:	-1.911	-1.803	-.907
MAXIMUM Y	:	1.481	1.505	1.154
MINIMUM Y	:	-1.318	-1.294	-1.106
CENTROID X	:	.444	.656	.560
CENTROID Y	:	.488	.464	.276
POA TO CENTROID in.	:	.660	.804	.624
MIN RADIUS	:	.594	.587	.467
MEAN RADIUS	:	1.128	1.023	.916
MAX RADIUS	:	1.923	1.691	1.175
HORIZONTAL SPREAD	:	2.895	1.775	1.375
VERTICAL SPREAD	:	2.799	2.799	2.260
EXTREME SPREAD	:	3.159	2.941	2.268
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

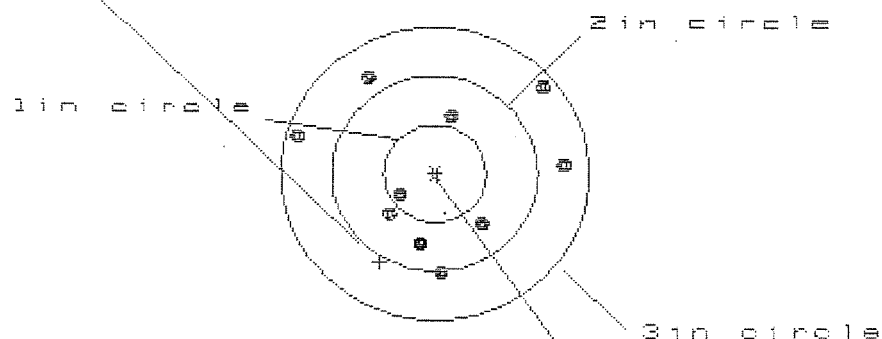
22 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8587761

CENTERFIRE PATTERNS

4

POB



OF SHOTS - 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.576

VS= 2.042

GS= 2.585

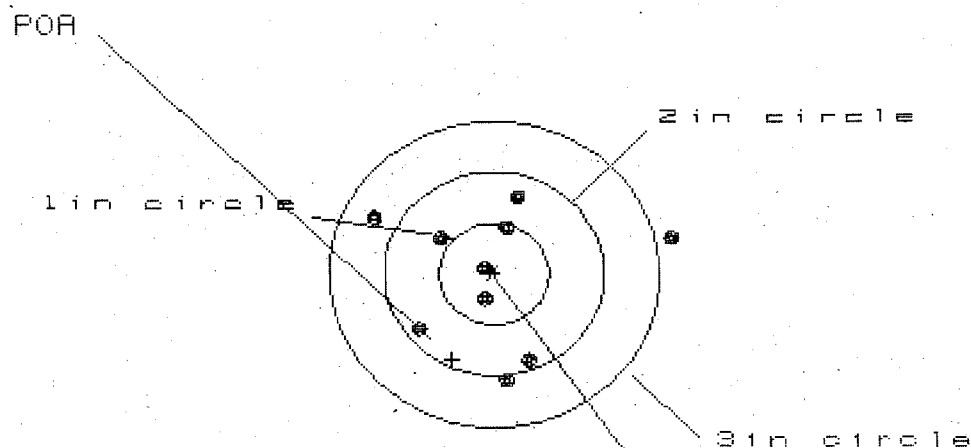
CENTROID #

PATTERN #	:			
SHOTS (BEST OF)	:			
MAXIMUM X	:			.221
MINIMUM X	:			-.689
MAXIMUM Y	:			1.151
MINIMUM Y	:			-.891
CENTROID X	:	.574		
CENTROID Y	:	.910	.815	.760
POB TO CENTROID in.	:	1.061	.913	.952
MIN RADIUS	:	.353	.200	.327
MEAN RADIUS	:	.920	.836	.777
MAX RADIUS	:	1.390	1.391	1.341
HORIZONTAL SPREAD	:	2.576	2.576	1.910
VERTICAL SPREAD	:	2.042	2.042	2.042
EXTREME SPREAD	:	2.585	2.585	2.164
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

22 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C658776J

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.686

VS= 1.816

GS= 2.694

CENTROID #

PATTERN #	:			
SHOTS (BEST OF)	:			8
MAXIMUM X	:	1.07		.379
MINIMUM X	:	-1.07		-.595
MAXIMUM Y	:	.773	.810	.883
MINIMUM Y	:	-1.043	-1.006	-.933
CENTROID X	:	.386	.209	.324
CENTROID Y	:	.042	.005	.002
POA TO CENTROID in.	:	.926	.831	.801
MIN RADIUS	:	.108	.178	.106
MEAN RADIUS	:	.780	.674	.615
MAX RADIUS	:	1.626	1.086	.956
HORIZONTAL SPREAD	:	2.686	1.412	.974
VERTICAL SPREAD	:	1.816	1.816	1.816
EXTREME SPREAD	:	2.694	2.013	1.819
NUMBER IN ONE INCH CIRCLE =	:		3	
NUMBER IN TWO INCH CIRCLE =	:		7	
NUMBER IN THREE INCH CIRCLE =	:		9	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587661

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	9	9	9			5/4/96	JW
	G) Safety Off Force	4	4	4			5/4/96	JW
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.023	.0235	.022			5/4/96	JW
	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	2.48	2.47	2.68	2.68	2.68	5/4/96	JW
	C) Function							
660	Pack							

Remington



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

MODEL 700TM H24

SERIAL NO.
C6587661

ORDER NO.
5716

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

20



5716 C6587661

UPC



0 47700 25716 7

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400024776

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6587661

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1019	90	RW
600	Proof	1019	90	RW
607	Check Headspace	1019	90	RW
610	Dis-assemble Gun	1019	90	RW
612	Magnaflux Barrel Action		10/23/90	KR
	Magnaflux Bolt		10/23/90	KR
615	Rollmark Caliber		10/23/90	28
617	Drill and Tap Sight Holes		10/26/90	FB
618	Polish Barrel RB		10/28/90	WB
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		11/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/90	RW
	C) Inspect Ejector Hole for Chamfer		11/12/90	RW
	D) Oil Firing Pin Ass'y		11/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/26/90	RM

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3.50	3.25	3.50			11/29/90	KT
	G) Safety Off Force	2.50	2.50	2.50			11/29/90	KT
	H) Trigger Pull Test & Retainability						11/26/90	JH
	I) Firing Pin Indent	.021	.021	.021			11/29/90	KT
	J) Assemble Stock						12/6/90	RW
	K) Assemble Swivel Studs						12-7-90	JH
	L) Attach Front and Rear Sight Assemblies						12/6/90	RW
	M) Iron Sight Alignment						12/6/90	RW
	N) Detach Front & Rear Sights & place in numbered container						12/6/90	RW
	O) Attach Scope to Rifle						12/6/90	RW
	P) Detach & Attach Scope 20 Times						12/6/90	RW
640	Gallery Target & Test						12-6-90	AC
	A) Time						12-6-90	AC
	B) Malfunctions						12-6-90	AC
	C) Pierced Primers						12-6-90	AC
	D) Optical Clarity of Scope						12-6-90	AC
645	Inspect for Live Ammo						12-6-90	AC
655	Final Inspection							
	A) Headspace						12-7-90	JH
	B) Trigger Pull	208	228	252	246	205	12-7-90	JH
	C) Function						12-7-90	JH
660	Pack						12-7-90	JH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO 26587661

DATE 11/27/90

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.41	2.25	208	MIN. SETTING,
PULL #2	2.44	2.41	2.22	228	NO AVG. OF 5
PULL #3	2.36	2.30	2.12	252	READINGS ACCEPT-
PULL #4	2.47	2.21	2.15	246	ABLE LESS THAN 2#
PULL #5	2.45	2.16	2.20	203	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.37	3.27		
PULL #2	3.24	3.18		
PULL #3	3.25	3.21		
PULL #4	3.24	3.30		
PULL #5	3.25	3.21		
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	4.45		4.25
PULL #2	4.16	4.26		4.18
PULL #3	4.29	4.44		4.17
PULL #4	4.15	4.47		4.21
PULL #5	4.39	4.26		4.13
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587661
6 Dec 1990

CENTROIDAL DISTANCES

0 TO	1	.241812
1 TO	2	.070214
1 TO	3	.0640078
1 TO	4	.666108
1 TO	5	.2228

4 <----POA

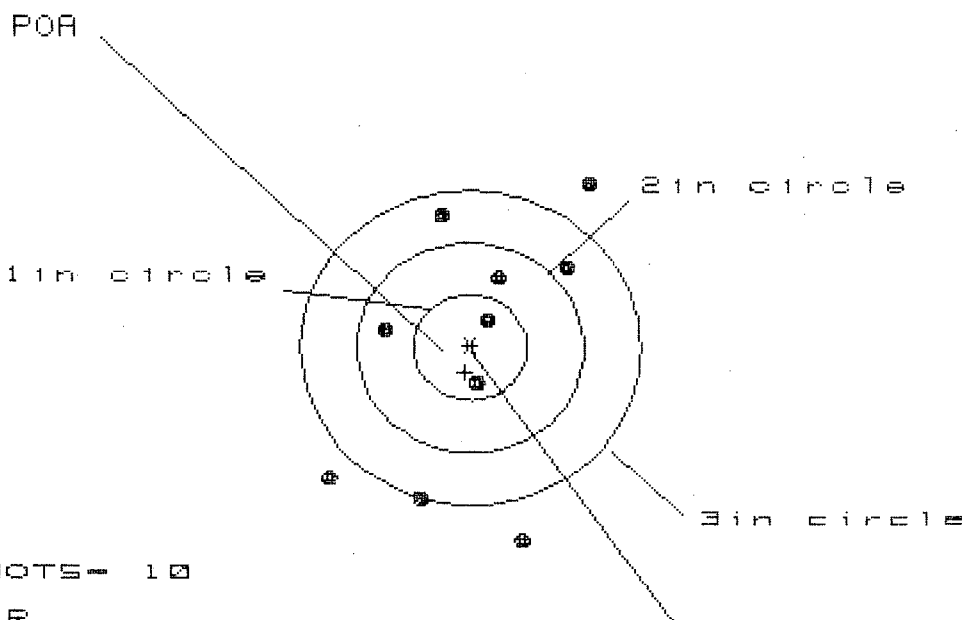
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0032
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0456
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0457121

THE AMR FOR THIS RIFLE IS: 1.007

6 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587661

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 6

HS= 2.310

VS= 3.394

GS= 3.631

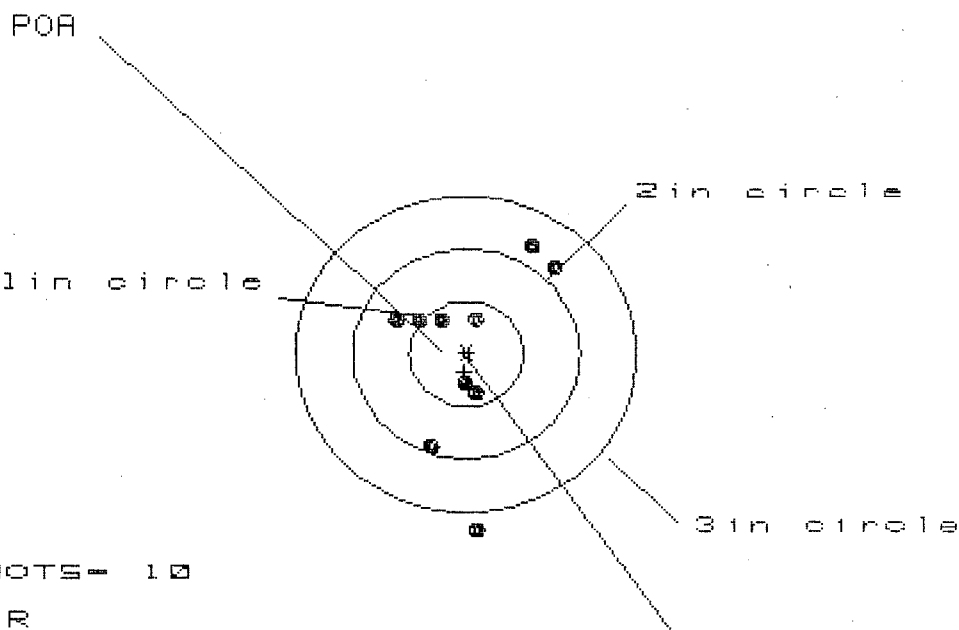
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.035	.998	1.062
MINIMUM X	-1.275	-1.160	-1.096
MAXIMUM Y	1.605	1.409	1.208
MINIMUM Y	-1.789	-1.611	-1.487
CENTROID X	.048	-.067	-.131
CENTROID Y	.237	.059	.260
POA TO CENTROID in.	.242	.089	.291
MIN RADIUS	.296	.185	.380
MEAN RADIUS	1.154	1.078	.974
MAX RADIUS	1.910	1.692	1.640
HORIZONTAL SPREAD	2.310	2.158	2.158
VERTICAL SPREAD	3.394	3.020	2.695
EXTREME SPREAD	3.631	3.099	2.918
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	6		

6 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587661

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 9

HS= 1.375

VS= 2.719

GS= 2.762

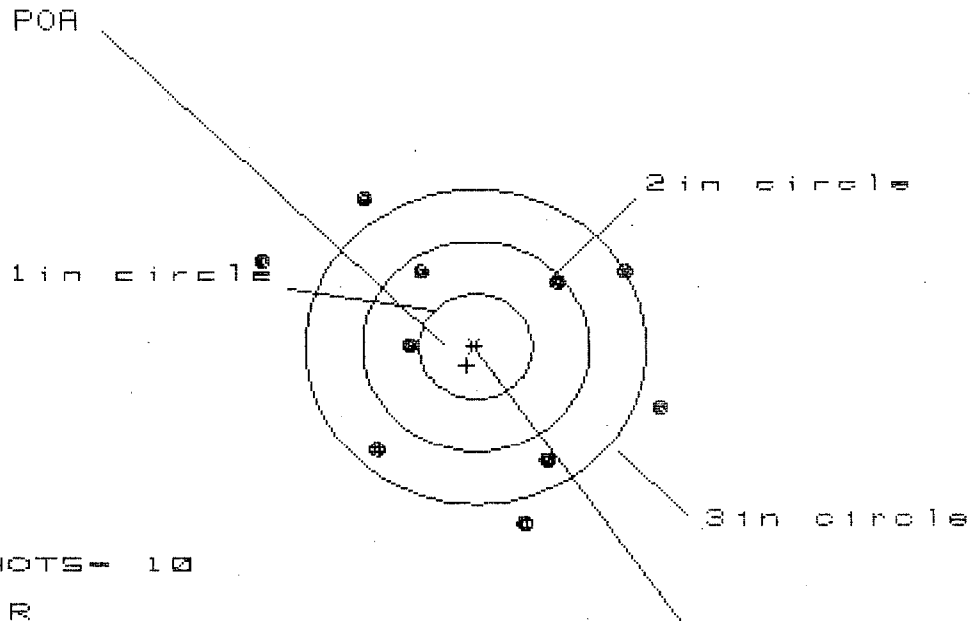
CENTROID #

PATTERN #	2
SHOTS (BEST OF)	10
MAXIMUM X	.733
MINIMUM X	-.642
MAXIMUM Y	1.002
MINIMUM Y	-1.717
CENTROID X	.017
CENTROID Y	.174
POA TO CENTROID in.	.175
MIN RADIUS	.260
MEAN RADIUS	.745
MAX RADIUS	1.718
HORIZONTAL SPREAD	1.375
VERTICAL SPREAD	2.719
EXTREME SPREAD	2.762
NUMBER IN ONE INCH CIRCLE =	4
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	9

6 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587661

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 6

HS= 3.500

VS= 3.101

GS= 3.752

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.618	1.409	1.441
MINIMUM X	:	-1.882	-1.185	-1.153
MAXIMUM Y	:	1.429	1.519	1.322
MINIMUM Y	:	-1.672	-1.582	-1.152
CENTROID X	:	.079	.288	.256
CENTROID Y	:	.181	.091	.288
POA TO CENTROID in.	:	.197	.302	.386
MIN RADIUS	:	.531	.744	.719
MEAN RADIUS	:	1.355	1.272	1.212
MAX RADIUS	:	2.050	1.927	1.754
HORIZONTAL SPREAD	:	3.500	2.594	2.594
VERTICAL SPREAD	:	3.101	3.101	2.474
EXTREME SPREAD	:	3.752	3.419	3.257
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	6		

6 Dec 1990

FILE:/PATTERNING/CENTERFIRE_PATT/06587661

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 1.790

VS= 1.889

GS= 2.301

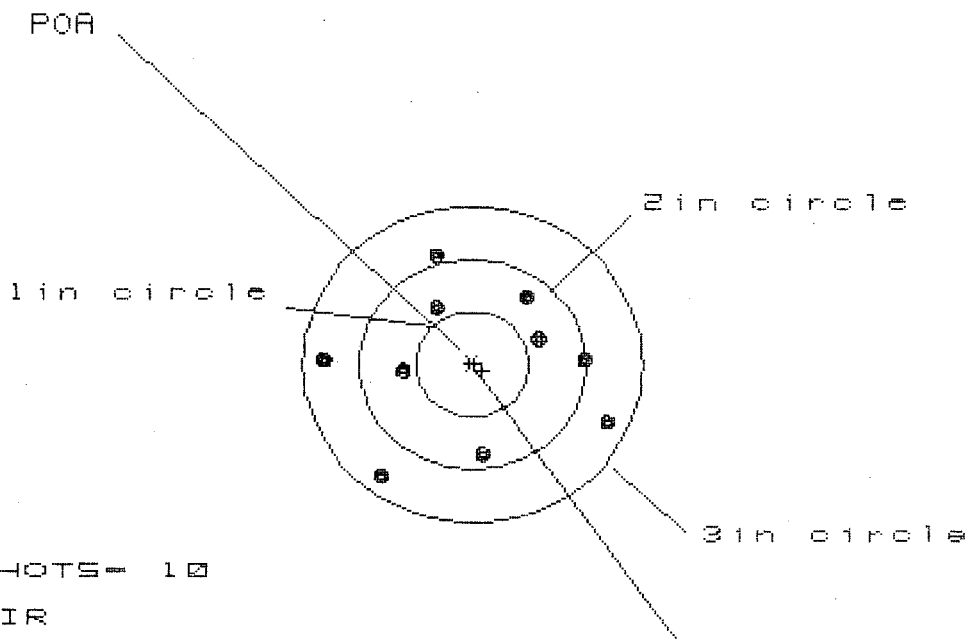
CENTROID #

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.062	1.178	1.239
MINIMUM X	:	-.728	-.612	-.551
MAXIMUM Y	:	1.040	.963	.942
MINIMUM Y	:	-.849	-.926	-.806
CENTROID X	:	-.042	-.158	-.219
CENTROID Y	:	-.423	-.346	-.466
POA TO CENTROID in.	:	.425	.380	.515
MIN RADIUS	:	.183	.219	.193
MEAN RADIUS	:	.837	.774	.729
MAX RADIUS	:	1.254	1.180	1.240
HORIZONTAL SPREAD	:	1.790	1.790	1.790
VERTICAL SPREAD	:	1.889	1.889	1.748
EXTREME SPREAD	:	2.301	2.118	1.902
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

6 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587661

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 6

3 in = 10

HS= 2.455

VS= 2.118

GS= 2.527

CENTROID #

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.162	1.071	1.032
MINIMUM X	:	-1.293	-1.384	-1.250
MAXIMUM Y	:	1.058	.941	.854
MINIMUM Y	:	-1.060	-.946	-1.033
CENTROID X	:	-.086	.005	-.129
CENTROID Y	:	.059	.176	.263
POA TO CENTROID in.	:	.104	.177	.293
MIN RADIUS	:	.585	.489	.399
MEAN RADIUS	:	.946	.882	.818
MAX RADIUS	:	1.339	1.387	1.263
HORIZONTAL SPREAD	:	2.455	2.455	2.282
VERTICAL SPREAD	:	2.118	1.887	1.887
EXTREME SPREAD	:	2.527	2.527	2.282
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	10		