

C6587615

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



M2400023851

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-18381

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

W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN *SCOPE 89-0694*

DATE RECEIVED 06/11/94 DATE OPENED 06/11/94 DATE CODE SERIAL NUMBER C6587615 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 36201-5025

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

AL
36201-5025

CUST NO: 098397 C.L.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	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

Trigger Assy

New Barrel

96043 Scope Dust Cover Front
96044 Scope Dust Cover Rear
Front + Rear Sight Assy

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

4/4/96

4/4/96

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400023852

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

SERIAL NO. C65876.15

DATE 3/9/96

TESTER SF

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.56	2.98		2.74	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.72	2.92		2.84	
PULL #3	2.94	2.92		2.65	
PULL #4	2.80	3.07		2.64	
PULL #5	2.66	3.07		2.70	
TOTAL	13.48	14.96		13.57	
AVG.	2.696	2.992		2.714	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.57	3.34		
PULL #2	3.67	3.55		
PULL #3	3.67	3.55		
PULL #4	3.58	3.59		
PULL #5	3.61	3.69		
TOTAL	18.1	17.72		
AVG.	3.62	3.544		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.38	4.50		4.11
PULL #2	4.37	4.50		4.22
PULL #3	4.37	4.53		4.25
PULL #4	4.53	4.42		4.36
PULL #5	4.33	4.36		4.34
TOTAL	21.98	22.31		21.28
AVG.	4.396	4.462		4.256

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587615
5 Feb 1900

CENTROIDAL DISTANCES

0 TO	1	.438658
1 TO	2	.099985
1 TO	3	.184878
1 TO	4	.549598
1 TO	5	.508498

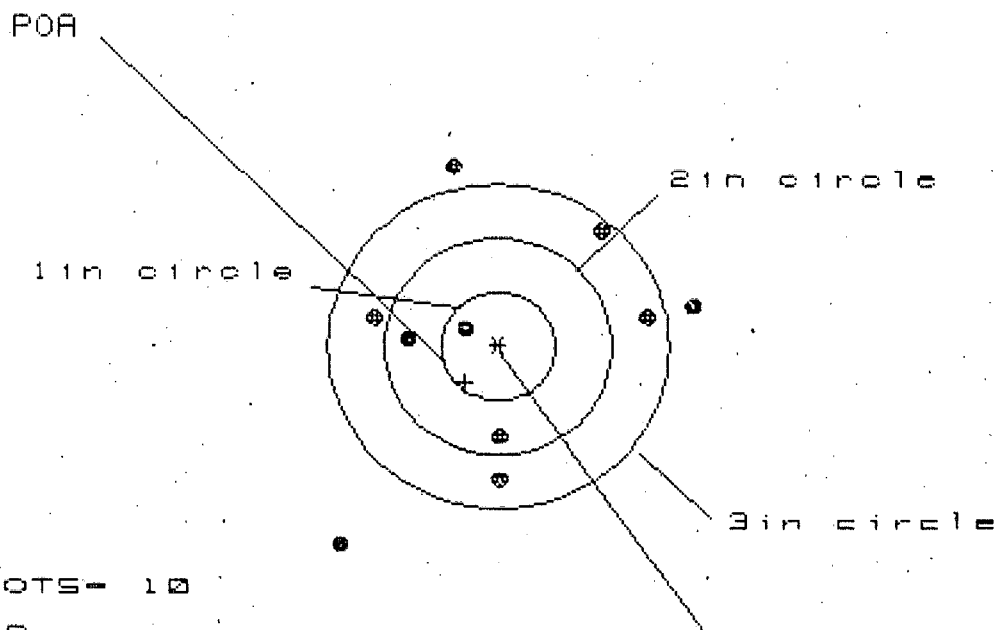
←----POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2756
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .124
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .302211
THE AMR FOR THIS RIFLE IS: 1.157

5 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6587615

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 7

HS= 3.117

VS= 3.514

GS= 3.809

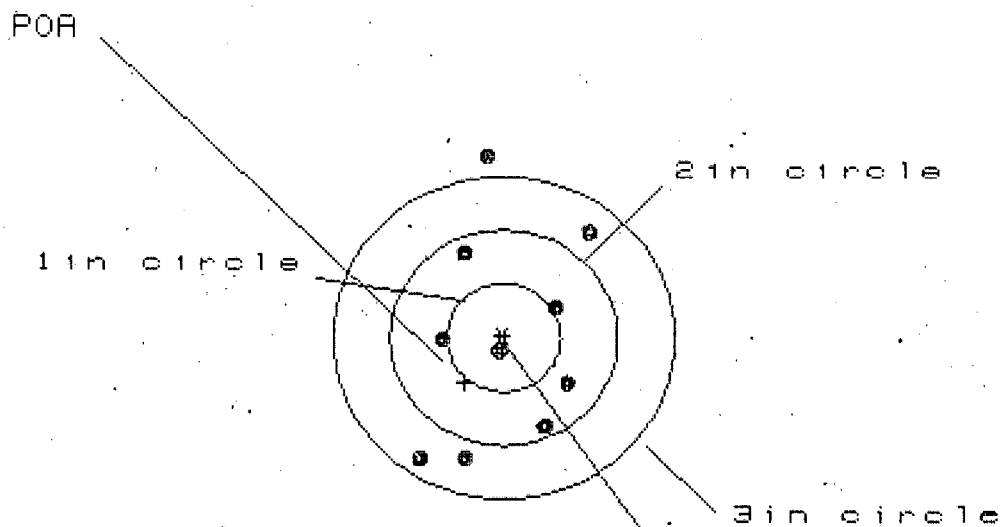
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.695	1.537	1.355
MINIMUM X	-1.422	-1.292	-1.100
MAXIMUM Y	1.672	1.467	1.485
MINIMUM Y	-1.842	-1.421	-1.403
CENTROID X	.289	.447	.255
CENTROID Y	.330	.535	.517
POA TO CENTROID in.	.439	.697	.577
MIN RADIUS	.324	.400	.210
MEAN RADIUS	1.291	1.178	1.092
MAX RADIUS	2.327	1.552	1.518
HORIZONTAL SPREAD	3.117	2.829	2.455
VERTICAL SPREAD	3.514	2.888	2.888
EXTREME SPREAD	3.809	2.909	2.909
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

5 Feb 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6587615

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 1.505

VS= 2.800

GS= 2.859

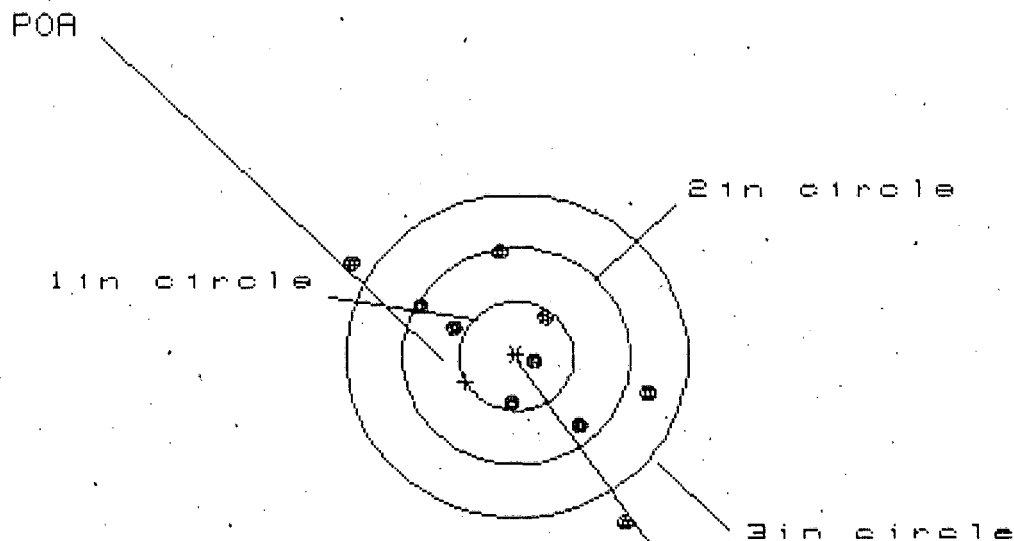
CENTROID *

PATTERN #			
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.741	.729	.632
MINIMUM X	-.764	-.776	-.623
MAXIMUM Y	1.644	1.180	1.060
MINIMUM Y	-1.156	-.973	-1.093
CENTROID X	.340	.352	.449
CENTROID Y	.416	.233	.353
POA TO CENTROID in.	.538	.423	.571
MIN RADIUS	.116	.088	.154
MEAN RADIUS	.903	.802	.744
MAX RADIUS	1.647	1.386	1.234
HORIZONTAL SPREAD	1.505	1.505	1.255
VERTICAL SPREAD	2.800	2.153	2.153
EXTREME SPREAD	2.859	2.613	2.397
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

5 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6587615

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 3

2in = 5

3in = 8

HS = 2.584

VS = 2.544

GS = 3.421

PATTERN #

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.129	1.239	1.071
MINIMUM X	-1.455	-1.345	-.950
MAXIMUM Y	1.005	.834	.919
MINIMUM Y	-1.539	-.770	-.685
CENTROID X	.447	.337	.505
CENTROID Y	.234	.405	.320
POA TO CENTROID in.	.505	.527	.598
MIN RADIUS	.104	.272	.095
MEAN RADIUS	.910	.807	.692
MAX RADIUS	1.831	1.508	1.136
HORIZONTAL SPREAD	2.584	2.584	2.021
VERTICAL SPREAD	2.544	1.604	1.604
EXTREME SPREAD	3.421	2.827	2.161
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

5 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6587615

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 6

HS= 3.264

VS= 2.986

GS= 3.282

PATTERN #

SHOTS (BEST OF)

MAXIMUM X

MINIMUM X

MAXIMUM Y

MINIMUM Y

CENTROID X

CENTROID Y

POA TO CENTROID in.

MIN RADIUS

MEAN RADIUS

MAX RADIUS

HORIZONTAL SPREAD

VERTICAL SPREAD

EXTREME SPREAD

NUMBER IN ONE INCH CIRCLE =

NUMBER IN TWO INCH CIRCLE =

NUMBER IN THREE INCH CIRCLE =

8

1.410

-1.742

.805

-.806

-.338

-.426

.544

.476

1.035

1.752

3.152

1.611

3.155

1

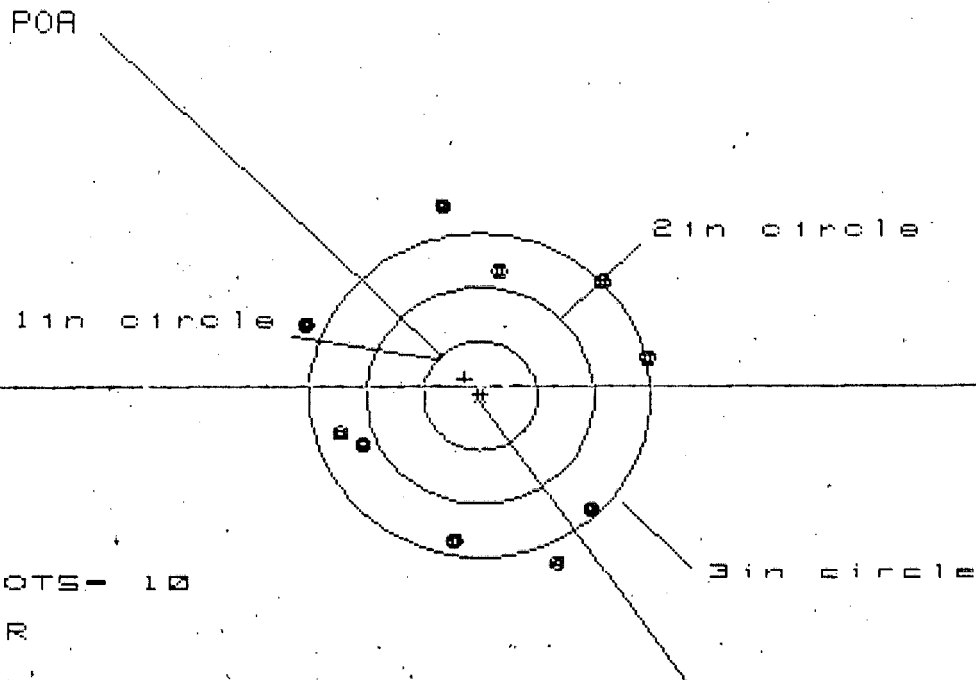
3

6

5 Feb 1908

FILE:/PATTERNING/CENTERFIRE_PATT/C6587615

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 0

2in = 0

3in = 6

HS= 2.999

VS= 3.281

GS= 3.439

CENTROID *

PATTERN #

SHOTS (BEST OF)

MAXIMUM X	1.511
MINIMUM X	-1.488
MAXIMUM Y	1.125
MINIMUM Y	-1.372
CENTROID X	.087
CENTROID Y	-.175
POA TO CENTROID in.	.195
MIN RADIUS	1.134
MEAN RADIUS	1.374
MAX RADIUS	1.624
HORIZONTAL SPREAD	2.999
VERTICAL SPREAD	2.497
EXTREME SPREAD	3.016
NUMBER IN ONE INCH CIRCLE	= 0
NUMBER IN TWO INCH CIRCLE	= 0
NUMBER IN THREE INCH CIRCLE	= 6

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #6587615

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	7	7	7			5/4/96	JW
	G) Safety Off Force	4	4	4			5/4/96	JW
	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	2.43	2.59	2.64	2.64	2.70	5/4/96	JW
	C) Function							
660	Pack							

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

MODEL 700™ M24

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

Ø1

SERIAL NO.
C6587615

ORDER NO.
5716


5716 C6587615

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

UPC


0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6587615

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 9 90		RW
600	Proof	10 9 90		RW
607	Check Headspace	10 9 90		RW
610	Dis-assemble Gun	10 9 90		RW
612	Magnaflux Barrel Action		10/11/90	KR
	Magnaflux Bolt		10/11/90	KR
615	Rollmark Caliber		10/14/90	LS
617	Drill and Tap Sight Holes		10/14/90	LS
618	Polish Barrel <i>LS</i>		10/12/90	WB
620	Apply Coatings (Barrel Action)		10-18-90	LS
	Apply Coating (Bolt)		10	LS
625	Final Assembly			
	A) Clean inside of Bolt Assembly		10/22/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/22/90	RW
	C) Inspect Ejector Hole for Chamfer		10/22/90	RW
	D) Oil Firing Pin Ass'y		10/22/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/5/90	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			11/5/90	WB
	G) Safety Off Force	2	2	2			11/5/90	WB
	H) Trigger Pull Test & Retainability						11/5/90	JM
	I) Firing Pin Indent	.0215	.021	.021			11/5/90	WB
	J) Assemble Stock						11/5/90	RW
	K) Assemble Swivel Studs						11-20-90	DH
	L) Attach Front and Rear Sight Assemblies						11/5/90	RW
	M) Iron Sight Alignment						11/5/90	RW
	N) Detach Front & Rear Sights & place in numbered container						11/5/90	RW
	O) Attach Scope to Rifle						11/5/90	RW
	P) Detach & Attach Scope 20 Times						11/5/90	RW
640	Gallery Target & Test						11-7-90	AC
	A) Time						11-7-90	AC
	B) Malfunctions						11-7-90	AC
	C) Pierced Primers						11-7-90	AC
	D) Optical Clarity of Scope						11-7-90	AC
645	Inspect for Live Ammo						11-7-90	AC
655	Final Inspection							
	A) Headspace						11-20-90	DH
	B) Trigger Pull	237	230	231	233	234	11-20-90	DH
	C) Function						11-20-90	DH
660	Pack						12/19/90	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6587615

DATE 11-5-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.39	2.39	2.37	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.34	2.31	2.30	
PULL #3	2.41	2.38	2.34	2.31	
PULL #4	2.42	2.37	2.34	2.33	
PULL #5	2.36	2.39	2.38	2.34	
TOTAL	12.06	11.87	11.82		
AVG.	2.412	2.374	2.364		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.23		
PULL #2	3.27	3.26		
PULL #3	3.33	3.23		
PULL #4	3.13	3.17		
PULL #5	3.27	3.30		
TOTAL	16.29	16.19		
AVG.	3.258	3.238		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.11	4.16		4.34
PULL #2	4.31	4.31		4.22
PULL #3	4.31	4.27		4.32
PULL #4	4.31	4.24		4.20
PULL #5	4.27	4.33		4.17
TOTAL	21.31	21.31		21.3
AVG.	4.262	4.262		4.26

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587615
7 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.294061
1 TO	2	.337214
1 TO	3	.531738
1 TO	4	.497639
1 TO	5	.32482

34 15 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0136
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0162
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0211518
THE AMR FOR THIS RIFLE IS: .751

7 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587615

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 9

HS= 3.031

VS= 1.416

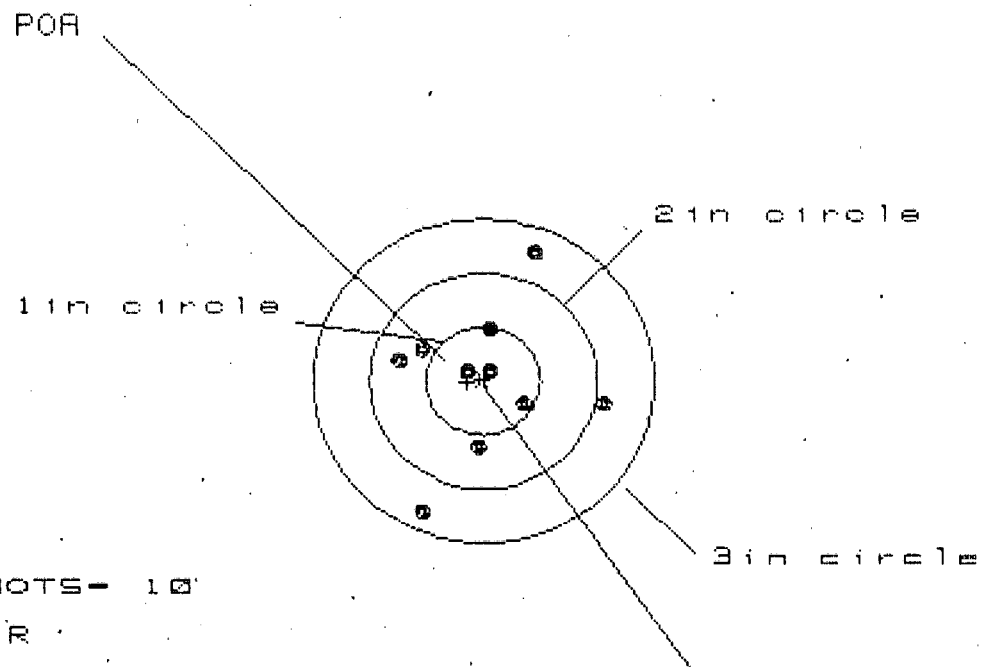
GS= 3.033

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.430	1.252	.988
MINIMUM X	-1.601	-1.410	-1.253
MAXIMUM Y	.731	.695	.662
MINIMUM Y	-.685	-.721	-.754
CENTROID X	-.006	.172	.015
CENTROID Y	-.294	-.258	-.225
POA TO CENTROID in.	.294	.310	.226
MIN RADIUS	.425	.318	.446
MEAN RADIUS	.956	.841	.806
MAX RADIUS	1.633	1.583	1.462
HORIZONTAL SPREAD	3.031	2.662	2.241
VERTICAL SPREAD	1.416	1.416	1.416
EXTREME SPREAD	3.033	2.701	2.476
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

7 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587615

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 4

2in = 7

3in = 10

HS = 1.812

VS = 2.380

GS = 2.583

CENTROID #

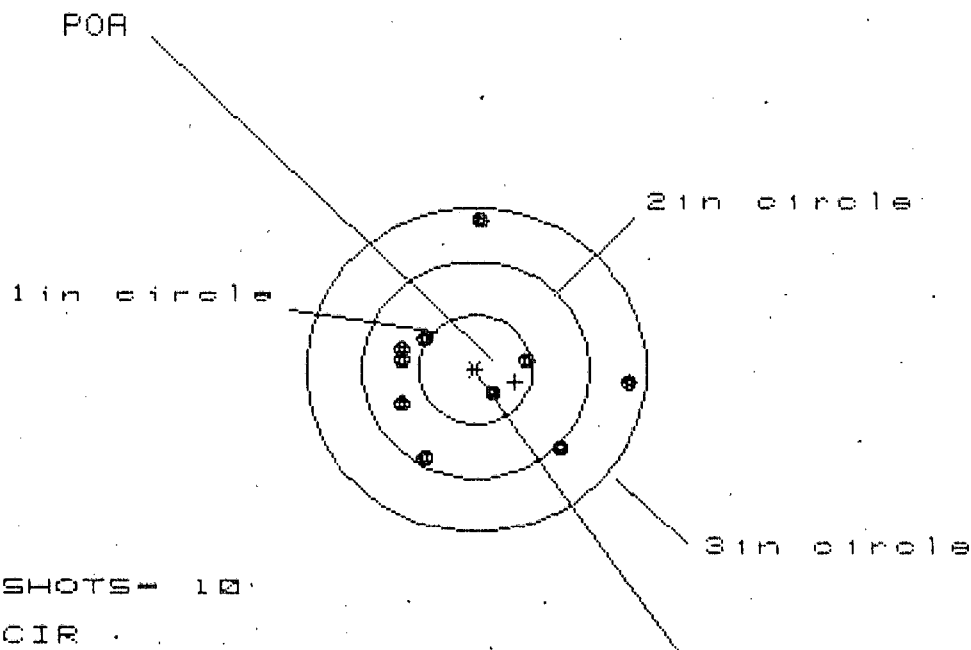
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.026	.968	1.022
MINIMUM X	:	-.786	-.844	-.790
MAXIMUM Y	:	1.191	1.059	.465
MINIMUM Y	:	-1.189	-.766	-.633
CENTROID X	:	.142	.200	.146
CENTROID Y	:	.009	.141	.008
POA TO CENTROID in.	:	.142	.244	.146
MIN. RADIUS	:	.116	.072	.113
MEAN RADIUS	:	.683	.606	.531
MAX RADIUS	:	1.296	1.143	1.050
HORIZONTAL SPREAD	:	1.812	1.812	1.812
VERTICAL SPREAD	:	2.380	1.825	1.098
EXTREME SPREAD	:	2.583	1.893	1.859
NUMBER IN ONE INCH CIRCLE =			4	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			10	

7 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587615

CENTERFIRE PATTERNS

3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 2.012

VS= 2.196

GS= 2.251

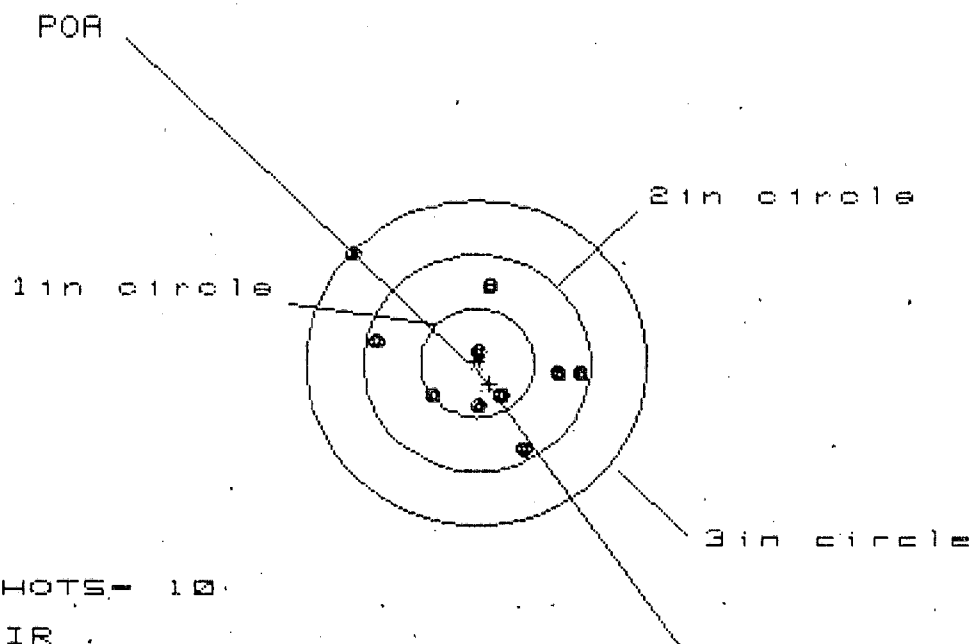
CENTROID *

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.362	1.369	.969
MINIMUM X	-.650	-.643	-.472
MAXIMUM Y	1.428	.489	.496
MINIMUM Y	-.768	-.609	-.602
CENTROID X	-.347	-.354	-.525
CENTROID Y	.114	-.045	-.052
POA TO CENTROID in.	.365	.357	.527
MIN RADIUS	.289	.173	.327
MEAN RADIUS	.887	.721	.614
MAX RADIUS	1.429	1.370	1.091
HORIZONTAL SPREAD	2.012	2.012	1.441
VERTICAL SPREAD	2.196	1.098	1.098
EXTREME SPREAD	2.251	2.021	1.648
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

7 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06587615

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 4

2in = 9

3in = 10

HS= 1.999

VS= 1.840

GS= 2.315

CENTROID #

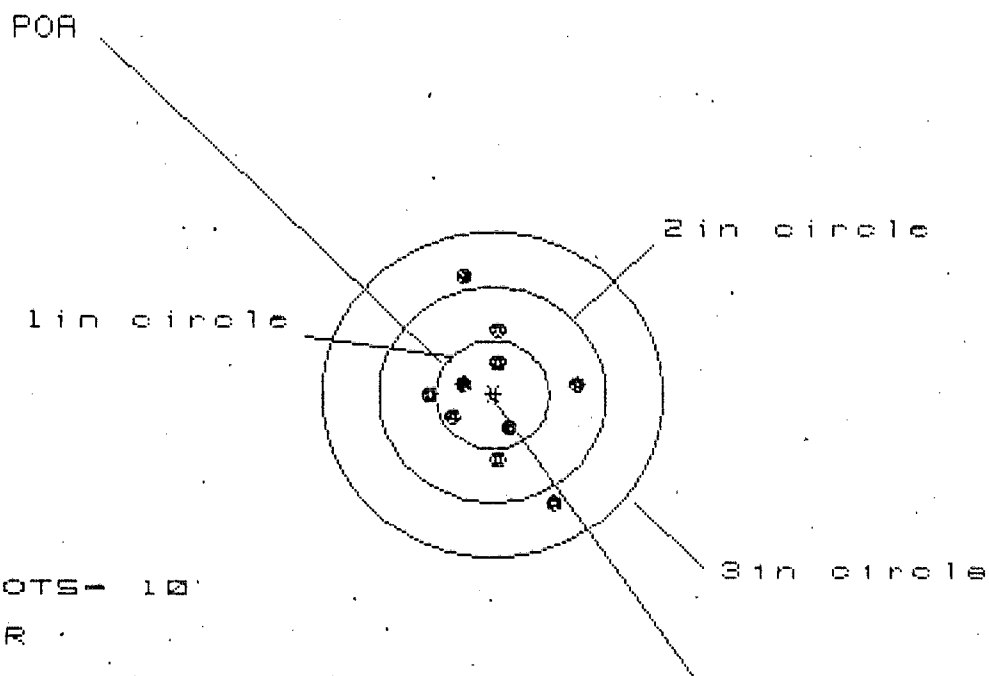
PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.960	.845	.714
MINIMUM X	-1.039	-1.016	-.911
MAXIMUM Y	1.015	.772	.771
MINIMUM Y	-.825	-.712	-.713
CENTROID X	-.113	.002	-.103
CENTROID Y	.192	.079	.080
POA TO CENTROID in.	.223	.079	.131
MIN RADIUS	.139	.181	.250
MEAN RADIUS	.700	.594	.559
MAX RADIUS	1.453	1.053	.951
HORIZONTAL SPREAD	1.999	1.861	1.625
VERTICAL SPREAD	1.840	1.484	1.484
EXTREME SPREAD	2.315	1.883	1.645
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		9	
NUMBER IN THREE INCH CIRCLE =		10	

7 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587615

CENTERFIRE PATTERNS

5



OF SHOTS- 10

IN CIR

1in = 4

2in = 8

3in = 10

HS= 1.363

VS= 2.159

GS= 2.285

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.772	.827	.802
MINIMUM X	-.591	-.536	-.561
MAXIMUM Y	1.121	1.006	.568
MINIMUM Y	-1.038	-.682	-.557
CENTROID X	.256	.201	.226
CENTROID Y	-.102	.013	-.112
POA TO CENTROID in.	.276	.202	.253
MIN RADIUS	.288	.180	.279
MEAN RADIUS	.609	.537	.469
MAX RADIUS	1.150	1.025	.808
HORIZONTAL SPREAD	1.363	1.363	1.363
VERTICAL SPREAD	2.159	1.688	1.125
EXTREME SPREAD	2.285	1.707	1.369
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	