

C6523353

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

BARBER M24-0026523

R	ORDER
	94-18768

INITIAL	CUSTOMER ORDER NO.		W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT			
JJM	DAAA99-92-C-0834		ATTN FRED MARTIN <i>Scope S/N 90 0317</i>			
DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE	
06/14/94	06/15/94		C6523353		700 7.62 NATO	
ACCESSORIES	HARD CASE		SCOPE MNTS	SCOPE BASE	SLING STRAP	

SHIP TO:

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

36201-5025

ACCOUNT NUMBER		ACCOUNT NUMBER N/C		WRITE ☐		PROM. DATE	ESTIMATED	VIA UPS
GUN CONDITION								REPAIR CHARGE
☐ NEW								REPAIR CHARGE
☐ LIGHTLY WORN								EXCISE
☐ WORN								TAX
☐ VERY WORN								INSURANCE
☐ UNREPAIRABLE								UPS
☐ MARRED								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 Trigger Assy							
		REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
		GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
					6/17/96	6/17/96	

RD6925 REV. 1/94

BARBER - M24 **M2400026566**

BARBER - M24 **M2400026566**

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

SERIAL NO. C6523353DATE 6-13-96TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.43	2.68		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.57	2.52	2.67		
PULL #3	2.72	2.47	2.63		
PULL #4	2.72	2.49	2.57		
PULL #5	2.66	2.58	2.62		
TOTAL	13.15	12.49	13.17		
AVG.	2.63	2.49	2.63		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.18	3.02		
PULL #2	3.14	3.00		
PULL #3	3.25	2.93		
PULL #4	3.16	2.89		
PULL #5	3.06	3.05		
TOTAL	15.79	14.89		
AVG.	3.15	2.97		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.22		4.30
PULL #2	4.22	4.24		4.23
PULL #3	4.27	4.14		4.17
PULL #4	4.23	4.27		4.16
PULL #5	4.23	4.31		4.36
TOTAL	21.21	21.18		21.22
AVG.	4.24	4.23		4.24

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523353
16 Apr 1900

CENTROIDAL DISTANCES

0 TO	1	.359006
1 TO	2	.208866
1 TO	3	.187243
1 TO	4	.122984
1 TO	5	.13927

✱ <----POB

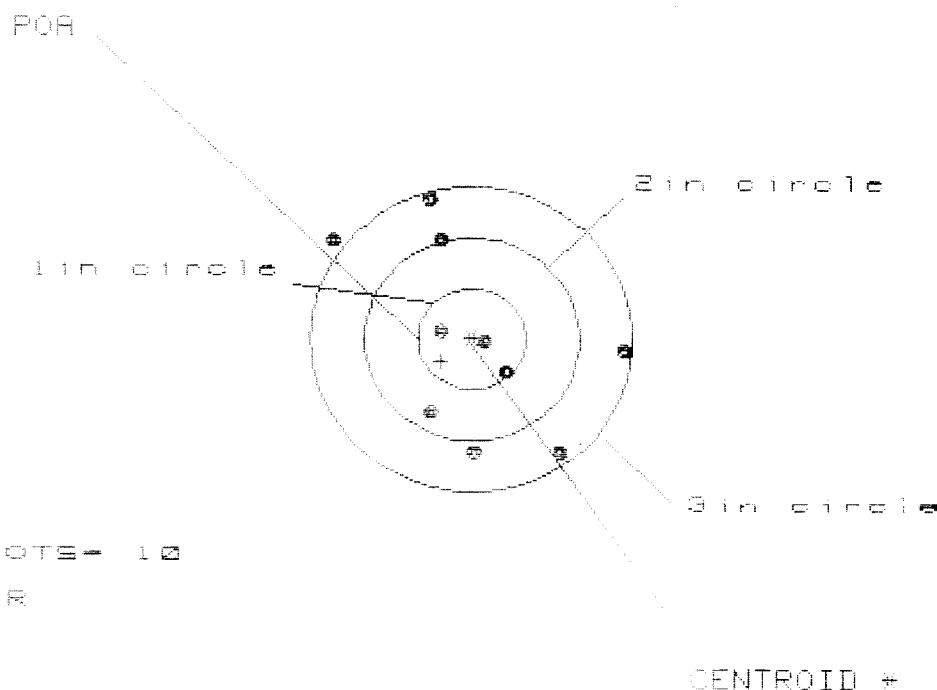
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1814
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2752
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .329607

THE AMR FOR THIS RIFLE IS: .8844

16 Apr 1968

FILE: PATTERNING/CENTERFIRE_PATT/06523353

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS = 2.662

VS = 2.464

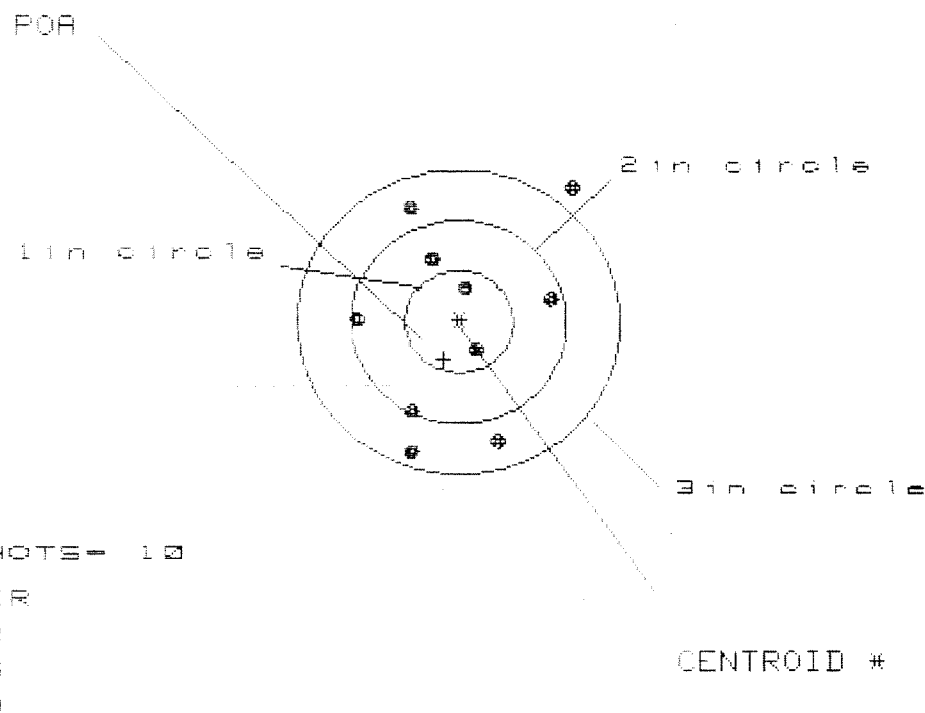
GS = 2.966

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.408	1.369	.816
MINIMUM X	-1.254	-.554	-.396
MAXIMUM Y	1.345	1.458	1.461
MINIMUM Y	-1.119	-1.006	-1.003
CENTROID X	.286	.425	.267
CENTROID Y	.217	.104	.101
POA TO CENTROID in.	.359	.438	.285
MIN RADIUS	.100	.080	.110
MEAN RADIUS	.954	.864	.801
MAX RADIUS	1.618	1.542	1.501
HORIZONTAL SPREAD	2.662	1.823	1.212
VERTICAL SPREAD	2.464	2.464	2.464
EXTREME SPREAD	2.966	2.723	2.723
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

16 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6523353

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS = 2.0001

VS = 2.541

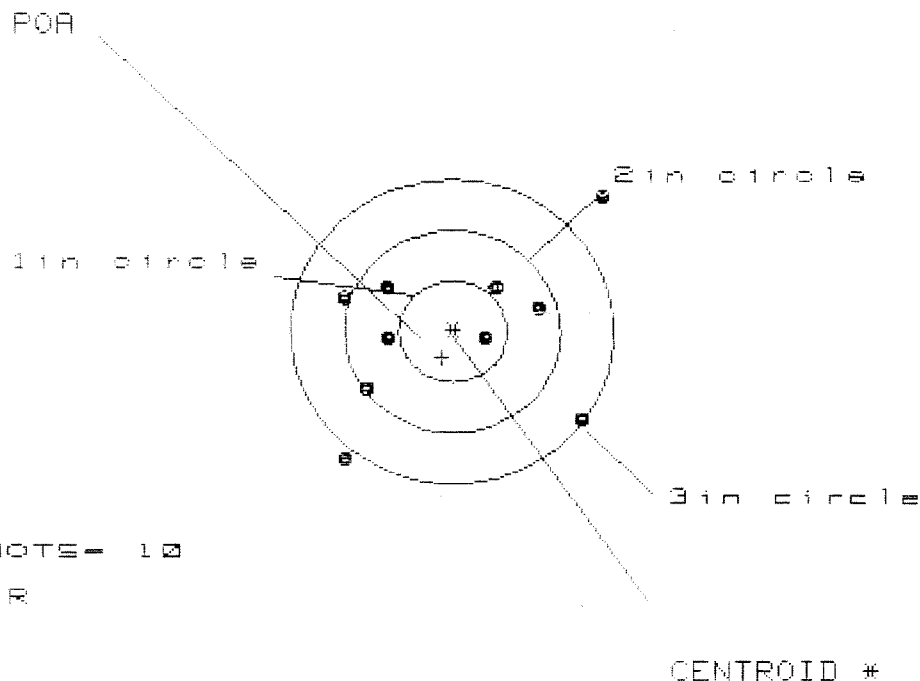
GS = 2.956

PATTERN #	2	2	2
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.068	.963	.923
MINIMUM X	-.933	-.815	-.855
MAXIMUM Y	1.319	1.256	1.121
MINIMUM Y	-1.222	-1.075	-1.178
CENTROID X	.146	.028	.068
CENTROID Y	.372	.225	.360
POA TO CENTROID in.	.400	.227	.366
MIN RADIUS	.310	.313	.349
MEAN RADIUS	.949	.861	.813
MAX RADIUS	1.697	1.288	1.249
HORIZONTAL SPREAD	2.001	1.778	1.778
VERTICAL SPREAD	2.541	2.331	2.299
EXTREME SPREAD	2.956	2.416	2.416
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

16 Apr 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C6523353

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 6

3 in - 8

HS- 2.383

VS- 2.595

GS- 3.498

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.359	1.300	1.195
MINIMUM X	:	-1.024	-.873	-.978
MAXIMUM Y	:	1.383	.577	.445
MINIMUM Y	:	-1.212	-1.058	-.829
CENTROID X	:	.104	-.047	.058
CENTROID Y	:	.261	.107	.239
POA TO CENTROID in.	:	.281	.117	.246
MIN RADIUS	:	.325	.465	.365
MEAN RADIUS	:	1.011	.901	.827
MAX RADIUS	:	1.939	1.474	1.454
HORIZONTAL SPREAD	:	2.383	2.173	2.173
VERTICAL SPREAD	:	2.595	1.635	1.273
EXTREME SPREAD	:	3.498	2.461	2.461
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

16 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6523353

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 3

2in = 8

3in = 9

HS = 3.009

VS = 1.221

GS = 3.050

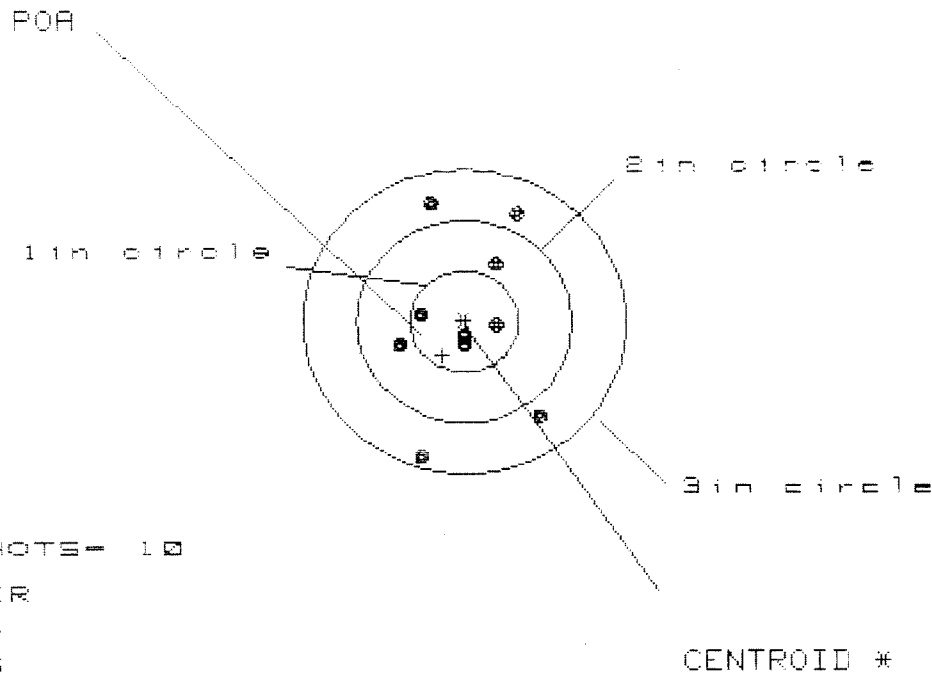
CENTROID #

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.754	1.147	1.015
MINIMUM X	-1.255	-1.060	-0.703
MAXIMUM Y	.740	.700	.732
MINIMUM Y	-.481	-.513	-.489
CENTROID X	.165	-.000	.102
CENTROID Y	.195		.203
POA TO CENTROID in.	.255		.228
MIN RADIUS	.157		.157
MEAN RADIUS	.790	.661	.600
MAX RADIUS	1.777	1.160	1.046
HORIZONTAL SPREAD	3.009	2.207	1.710
VERTICAL SPREAD	1.221	1.221	1.221
EXTREME SPREAD	3.050	2.255	1.734
NUMBER IN ONE INCH CIRCLE	=	3	
NUMBER IN TWO INCH CIRCLE	=	8	
NUMBER IN THREE INCH CIRCLE	=	9	

18 Apr 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6523353

CENTERFIRE PATTERNS # 5



OF SHOTS= 10
 # IN CIR
 1 in = 4
 2 in = 6
 3 in = 10
 HS= 1.226
 VS= 2.537
 GS= 2.537

PATTERN #	:	10	8
SHOTS (BEST OF)	:	10	8
MAXIMUM X	:	1.560	1.560
MINIMUM X	:	-1.515	-1.666
MAXIMUM Y	:	1.169	1.003
MINIMUM Y	:	-1.366	-1.964
CENTROID X	:	.206	.297
CENTROID Y	:	.331	.356
POA TO CENTROID in.	:	.390	.464
MIN RADIUS	:	.114	.141
MEAN RADIUS	:	.718	.574
MAX RADIUS	:	1.420	1.115
HORIZONTAL SPREAD	:	1.226	1.226
VERTICAL SPREAD	:	2.537	1.967
EXTREME SPREAD	:	2.537	1.978
NUMBER IN ONE INCH CIRCLE	=	4	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	10	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6523353

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. #	BARBER - M24 0026536 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	5 3/4	5 1/2			6/24/96	WB
	G) Safety Off Force	7 3/4	7 1/2	7 3/4			6/24/96	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	2.55	2.50	2.53	2.58	2.47	6/20/96	WB
	C) Function							
660	Pack							

Remington[®]

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

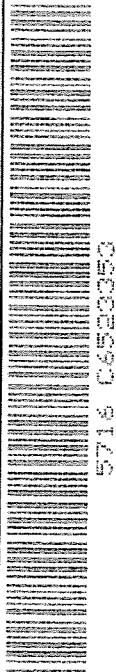
REG. U.S. PAT. & TM. OFF.

MODEL 700TH M24

SERIAL NO. C6520350

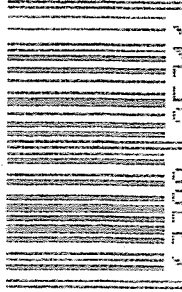
ORDER NO. 5716

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



5716 C6520350

UPC



0 47700 25716

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6523353

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/4/90	KA
600	Proof		10/4/90	KA
607	Check Headspace		10/4/90	KA
610	Dis-assemble Gun		10/4/90	KA
612	Magnaflux Barrel Action		10/9/90	KR
	Magnaflux Bolt		10/9/90	KR
615	Rollmark Caliber		10/9/90	BS
617	Drill and Tap Sight Holes		10/11/90	KB
618	Polish Barrel <i>KB</i>		10/12/90	KB
620	Apply Coatings (Barrel Action)		10/18/90	KA
	Apply Coating (Bolt)		10/18/90	KA
625	Final Assembly		10/21/90	KS
	A) Clean inside of Bolt Assembly		10/21/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/21/90	KS
	C) Inspect Ejector Hole for Chamfer		10/21/90	KS
	D) Oil Firing Pin Ass'y		10/21/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11/5/90	KA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4.25	4.50	4.25			11-2-90	KT
	G) Safety Off Force	2.50	2.50	2.50			11-2-90	KT
	H) Trigger Pull Test & Retainability						11/5/90	OK
	I) Firing Pin Indent	.0225	.0225	.0225			11-2-90	KT
	J) Assemble Stock						1-21-91	KS
	K) Assemble Swivel Studs						2-4-91	A
	L) Attach Front and Rear Sight Assemblies						1-21-91	KS
	M) Iron Sight Alignment						1-21-91	KS
	N) Detach Front & Rear Sights & place in numbered container						1-21-91	KS
	O) Attach Scope to Rifle						1-21-91	KS
	P) Detach & Attach Scope 20 Times						1-21-91	KS
640	Gallery Target & Test						1-22-91	AC
	A) Time						1-22-91	AC
	B) Malfunctions						1-22-91	AC
	C) Pierced Primers						1-22-91	AC
	D) Optical Clarity of Scope						1-22-91	AC
645	Inspect for Live Ammo						1-22-91	AC
655	Final Inspection							
	A) Headspace						2-4-91	A
	B) Trigger Pull	2.17	2.27	2.30	2.35	2.20	2/1/91	OK
	C) Function						2-4-91	A
660	Pack						3-18-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6523353

DATE 11/5/90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.33	2.25	2.42	2.17	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.33	2.30	2.43	2.27	
PULL #3	2.35	2.33	2.35	2.30	
PULL #4	2.33	2.20	2.35	2.35	
PULL #5	2.21	2.25	2.45	2.20	
TOTAL	11.53	11.33	12.00	2.33	
AVG.	2.31	2.266	2.4		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.12		
PULL #2	3.26	3.42		
PULL #3	3.19	3.29		
PULL #4	3.34	3.36		
PULL #5	3.24	3.42		
TOTAL	16.28	16.61		
AVG.	3.256	3.322		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.26		4.36
PULL #2	4.26	4.46		4.35
PULL #3	4.25	4.32		4.26
PULL #4	4.25	4.31		4.31
PULL #5	4.24	4.19		4.40
TOTAL	21.25	21.54		21.68
AVG.	4.25	4.308		4.336

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06523353
23 Jan 1991

CENTROIDAL DISTANCES

0	TO	1	.320564
1	TO	2	.186625
1	TO	3	.433417
1	TO	4	.375959
1	TO	5	.274235

421 <----POA

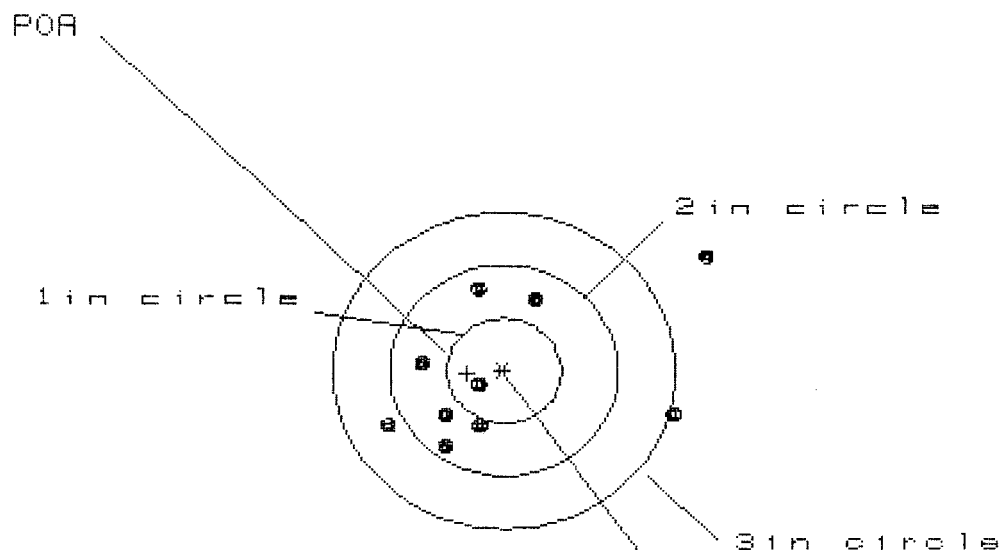
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0708
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0148
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0723304

THE AMR FOR THIS RIFLE IS: .9866

23 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6523353

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 7

3 in = 9

HS- 2.749

VS= 1.770

GS= 3.163

CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.753	1.640	.727
MINIMUM X	:	-.996	-.801	-.596
MAXIMUM Y	:	1.060	.934	.900
MINIMUM Y	:	-.710	-.592	-.625
CENTROID X	:	.320	.125	-.080
CENTROID Y	:	.019	-.099	-.066
POA TO CENTROID in.	:	.320	.159	.104
MIN RADIUS	:	.279	.070	.139
MEAN RADIUS	:	.947	.744	.595
MAX RADIUS	:	2.049	1.662	1.054
HORIZONTAL SPREAD	:	2.749	2.441	1.323
VERTICAL SPREAD	:	1.770	1.526	1.526
EXTREME SPREAD	:	3.163	2.444	1.775
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

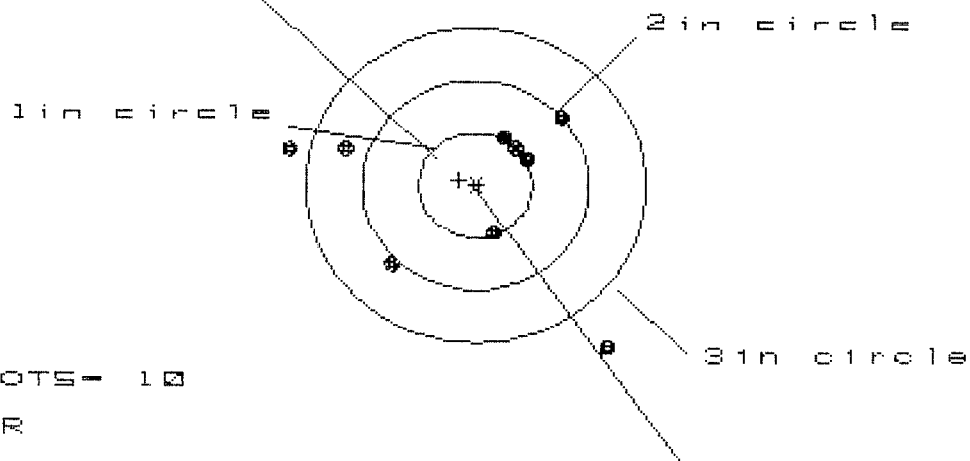
23 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6523353

CENTERFIRE PATTERNS

2

POA



OF SHOTS - 10

IN CIR

1 in - 1

2 in - 6

3 in - 8

HS - 2.854

VS - 2.171

GS - 3.382

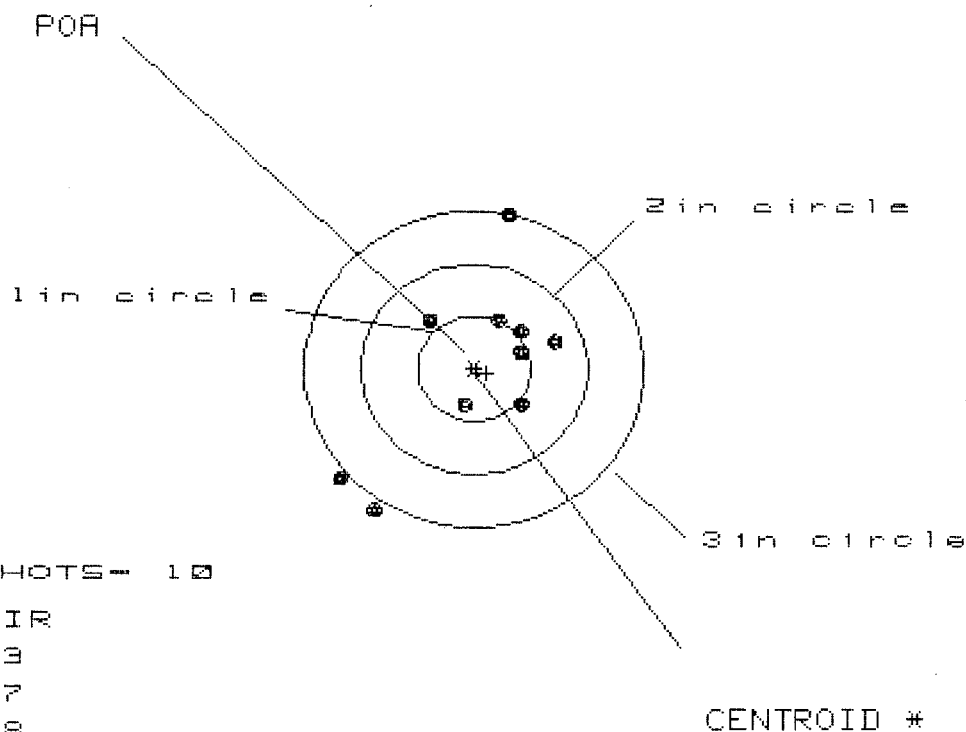
CENTROID *

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.200	.877	.687
MINIMUM X	-1.654	-1.520	-1.235
MAXIMUM Y	.657	.489	.505
MINIMUM Y	-1.514	-.958	-.942
CENTROID X	.147	.013	.203
CENTROID Y	-.051	.117	.101
POA TO CENTROID in.	.155	.118	.227
MIN RADIUS	.497	.471	.367
MEAN RADIUS	.955	.849	.695
MAX RADIUS	1.932	1.526	1.253
HORIZONTAL SPREAD	2.854	2.397	1.922
VERTICAL SPREAD	2.171	1.447	1.447
EXTREME SPREAD	3.382	2.423	2.082
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

23 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06523353

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 8

HS= 1.906

VS= 2.757

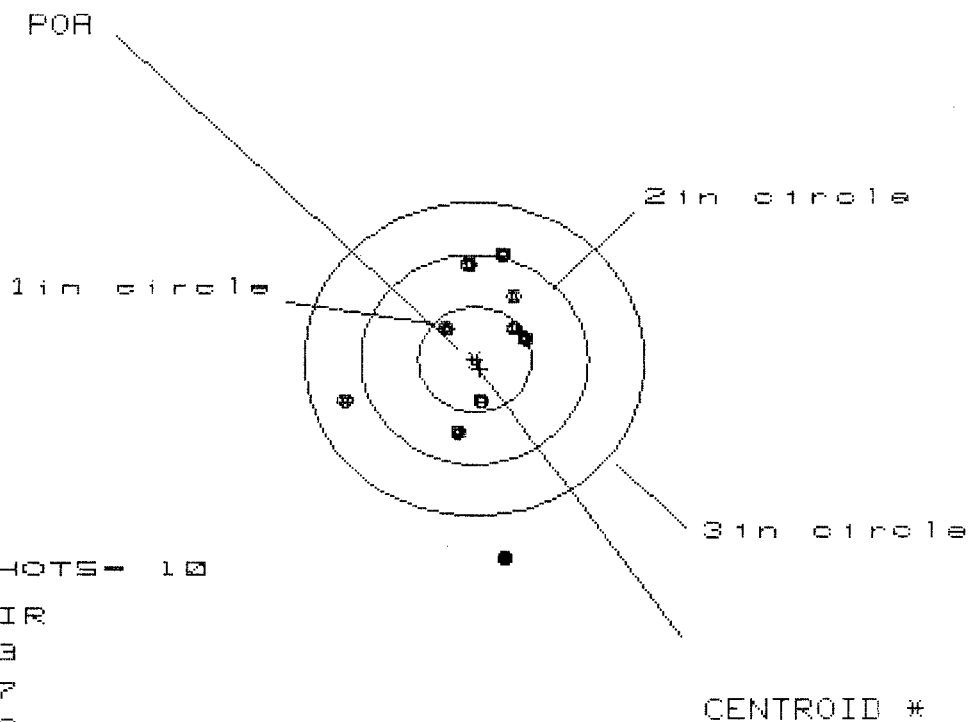
GS= 2.997

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.700	.565	.444
MINIMUM X	:	-1.206	-.972	-.659
MAXIMUM Y	:	1.413	1.298	1.116
MINIMUM Y	:	-1.344	-1.459	-.676
CENTROID X	:	-.113	.022	.143
CENTROID Y	:	.038	.153	.335
POA TO CENTROID in.	:	.119	.154	.364
MIN RADIUS	:	.340	.248	.139
MEAN RADIUS	:	.838	.704	.521
MAX RADIUS	:	1.591	1.753	1.119
HORIZONTAL SPREAD	:	1.906	1.537	1.103
VERTICAL SPREAD	:	2.757	2.757	1.792
EXTREME SPREAD	:	2.997	2.997	1.796
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	8		

23 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06523353

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS= 1.630

VS= 2.960

GS= 2.960

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.439	.463	.316
MINIMUM X	:	-1.199	-1.175	-.365
MAXIMUM Y	:	1.026	.811	.741
MINIMUM Y	:	-1.934	-.912	-.982
CENTROID X	:	-.049	-.073	.074
CENTROID Y	:	.091	.306	.376
POA TO CENTROID in.	:	.103	.315	.383
MIN RADIUS	:	.407	.253	.253
MEAN RADIUS	:	.836	.672	.555
MAX RADIUS	:	1.946	1.301	1.021
HORIZONTAL SPREAD	:	1.638	1.638	.681
VERTICAL SPREAD	:	2.960	1.723	1.723
EXTREME SPREAD	:	2.960	1.988	1.769
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 4

2 in = 6

3 in = 9

HS= 2.399

VS= 2.529

GS= 3.082

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.543	.926	.458
MINIMUM X	:	-.856	-.684	-.569
MAXIMUM Y	:	1.257	1.116	1.087
MINIMUM Y	:	-1.272	-.845	-.705
CENTROID X	:	.049	-.123	-.238
CENTROID Y	:	-.023	.118	-.022
POA TO CENTROID in.	:	.054	.170	.239
MIN RADIUS	:	.293	.285	.233
MEAN RADIUS	:	.857	.704	.578
MAX RADIUS	:	2.000	1.450	1.097
HORIZONTAL SPREAD	:	2.399	1.610	1.027
VERTICAL SPREAD	:	2.529	1.961	1.792
EXTREME SPREAD	:	3.082	2.457	1.815
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	