

C652332B

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5715**

* Includes 1 in chamber.

Remington.

BARBER M24-0006163 RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-18845

INITIAL JJM	CUSTOMER ORDER NO. DAAA09-92-C-0834		W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT ATTN FRED MARTIN <i>SCOPE SERIAL 90-0329</i>		
DATE RECEIVED 06/14/94	DATE OPENED 06/15/94	DATE CODE	SERIAL NUMBER C6523328	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
ANNISTON AL 36201-5025

CUST NO: 098397 C.D.D.L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS
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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 Assem.

46118 FRONT SIGHT ASSY

46119 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

BARBER - M24 0006163 06202

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6523328DATE 5-19-96TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.44	2.34	2.85	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.57	2.47	2.86	
PULL #3	2.64	2.42	2.83	
PULL #4	2.47	2.36	2.85	
PULL #5	2.44	2.47	2.93	
TOTAL	12.56	12.06	14.32	
AVG.	2.51	2.41	2.86	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.30	3.43		
PULL #2	3.27	3.15		
PULL #3	3.38	3.48		
PULL #4	3.25	3.42		
PULL #5	3.26	3.39		
TOTAL	16.46	16.87		
AVG.	3.29	3.37		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.04	4.12		4.06
PULL #2	4.07	4.14		4.23
PULL #3	4.06	4.09		4.12
PULL #4	4.04	4.13		4.13
PULL #5	4.12	4.14		4.22
TOTAL	20.33	20.62		20.76
AVG.	4.07	4.12		4.15

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # CC6523328
10 Apr 1900

CENTROIDAL DISTANCES

0 TO	1	.189489
1 TO	2	.39911
1 TO	3	.177294
1 TO	4	.363585
1 TO	5	.372392

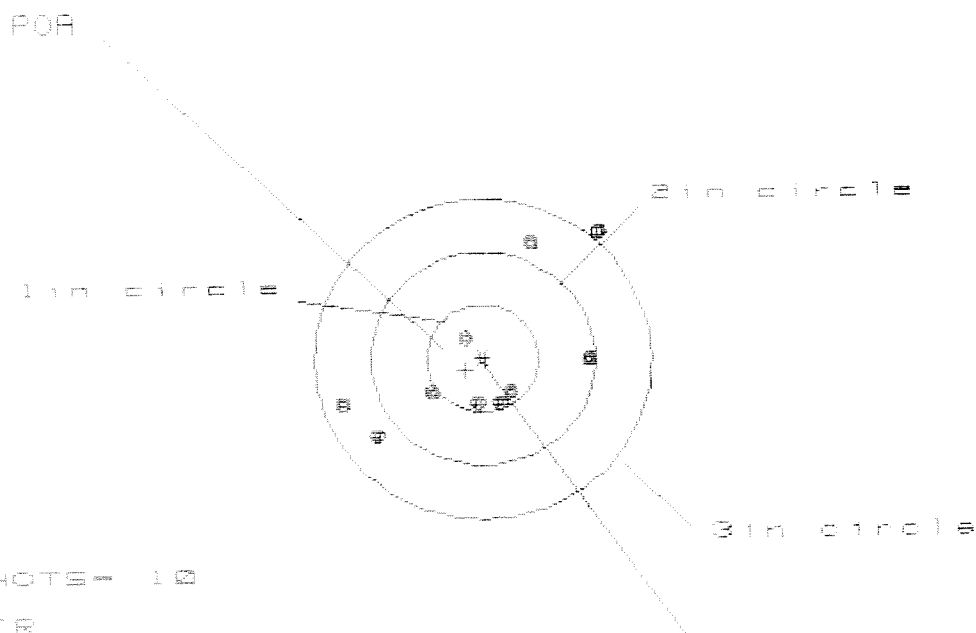
-----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2312
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1164
THE RESULTING AVERAGE FC1 RADIUS FOR THIS RIFLE IS: .258848
THE AMP FOR THIS RIFLE IS: .9788

18 Apr 1998

FILE://PATTERNING/CENTERFIRE_PATT/08523328

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 6

3 in = 9

HS= 2.316

VS= 1.848

ES= 2.826

CENTROID #

PATTERN #

1

	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.090	1.040	.902
MINIMUM X	-1.226	-1.105	-1.015
MAXIMUM Y	1.179	1.264	1.226
MINIMUM Y	-.669	-.538	-.576
CENTROID X	.155	.034	.172
CENTROID Y	.109	-.022	.016
POA TO CENTROID in.	.189	.041	.173
MIN RADIUS	.272	.256	.273
MEAN RADIUS	.830	.715	.653
MAX RADIUS	1.606	1.378	1.292
HORIZONTAL SPREAD	2.316	2.145	1.917
VERTICAL SPREAD	1.848	1.802	1.802
EXTREME SPREAD	2.826	2.297	2.297
NUMBER IN ONE INCH CIRCLE	= 4		
NUMBER IN TWO INCH CIRCLE	= 6		
NUMBER IN THREE INCH CIRCLE	= 9		

18 Apr 1968

FILE: PATTERNING/CENTERFIRE_PATT/06523328

CENTERFIRE PATTERNS # 2

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 = 3.458

VS = 3.412

GS = 3.559

PATTERN #	2	3	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.534	1.589	1.609
MINIMUM X	-.935	-.880	-.860
MAXIMUM Y	1.812	1.919	1.535
MINIMUM Y	-1.600	-1.399	-1.159
CENTROID X	.080	.025	.005
CENTROID Y	-.283	-.484	-.724
POA TO CENTROID in.	.294	.485	.724
MIN RADIUS	.304	.164	.271
MEAN RADIUS	1.251	1.127	.991
MAX RADIUS	1.879	1.926	1.712
HORIZONTAL SPREAD	2.469	2.469	2.469
VERTICAL SPREAD	3.412	3.318	2.694
EXTREME SPREAD	3.559	3.376	2.712
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	6		

18 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08523328

CENTERFIRE PATTERNS

3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 1.914

VS= 2.667

GS= 2.813

PATTERN #

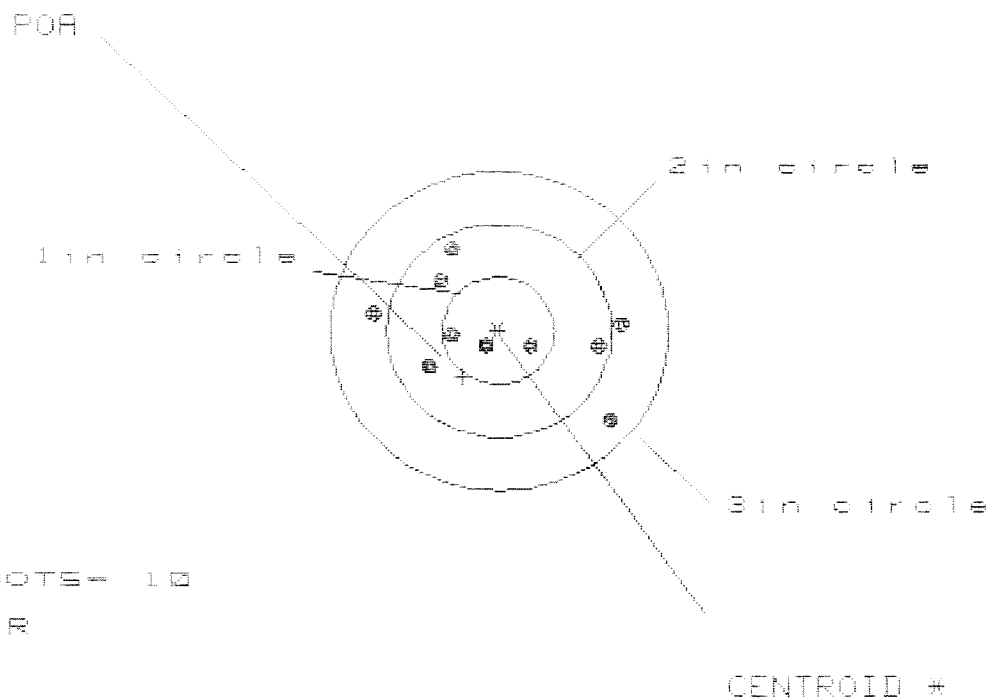
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SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.999	1.085	.981
MINIMUM X	:	-.915	-.829	-.812
MAXIMUM Y	:	1.376	1.168	1.190
MINIMUM Y	:	-1.291	-1.138	-.992
CENTROID X	:	.198	.112	.216
CENTROID Y	:	-.063	-.216	-.362
POA TO CENTROID in.	:	.208	.244	.422
MIN RADIUS	:	.132	.290	.363
MEAN RADIUS	:	1.040	.978	.909
MAX RADIUS	:	1.578	1.506	1.542
HORIZONTAL SPREAD	:	1.914	1.914	1.793
VERTICAL SPREAD	:	2.667	2.306	2.182
EXTREME SPREAD	:	2.813	2.497	2.455
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

10 Apr 1968

FILE:/PATTERNING/CENTERFIRE_PATT/06523328

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS= 2.252

VS= 1.611

GS= 2.336

PATTERN #

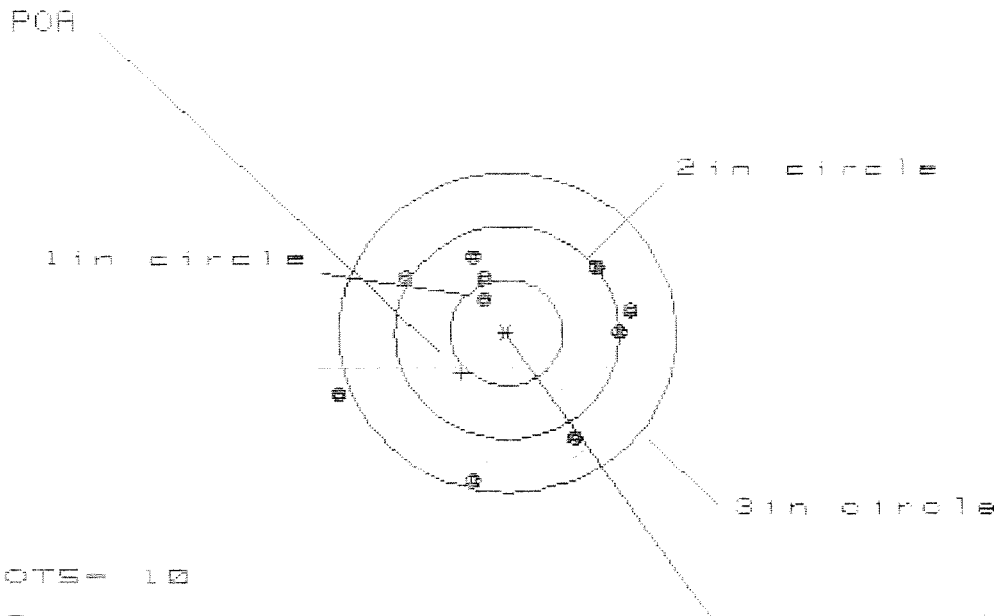
4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.087	1.194	1.062
MINIMUM X	-1.165	-1.058	-.611
MAXIMUM Y	.812	.723	.733
MINIMUM Y	-.799	-.452	-.442
CENTROID X	.318	.211	.344
CENTROID Y	.434	.523	.513
POA TO CENTROID in.	.538	.564	.617
MIN RADIUS	.211	.271	.275
MEAN RADIUS	.767	.704	.664
MAX RADIUS	1.249	1.194	1.062
HORIZONTAL SPREAD	2.252	2.252	1.672
VERTICAL SPREAD	1.611	1.175	1.175
EXTREME SPREAD	2.336	2.253	1.733
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

10 Apr 1900

FILE:/PATTERNING/CENTERFIRE_PATT/06523328

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 0

HS= 2.614

VS= 2.124

GS= 2.738

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	-	8
MAXIMUM X	:	1.070	.399	.844
MINIMUM X	:	-1.544	-1.086	-1.141
MAXIMUM Y	:	.698	.637	.451
MINIMUM Y	:	-1.426	-1.487	-1.186
CENTROID X	:	.405	.576	.631
CENTROID Y	:	.385	.446	.632
POA TO CENTROID in.	:	.558	.728	.893
MIN RADIUS	:	.350	.442	.441
MEAN RADIUS	:	1.006	.919	.805
MAX RADIUS	:	1.639	1.550	1.250
HORIZONTAL SPREAD	:	2.614	1.985	1.985
VERTICAL SPREAD	:	2.124	2.124	1.637
EXTREME SPREAD	:	2.738	2.327	2.138
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 652 3328

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 0006172 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6 1/2	6 1/2	7			6/8/96	WB
	G) Safety Off Force	2 1/2	2 1/2	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	2.64	2.75	2.55	2.77	2.70	6/22/96	RW
	C) Function							
660	Pack							

Remington
MODEL 700™ H24

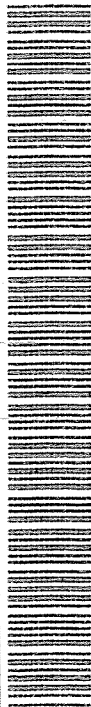
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

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

SERIAL NO. C6523328

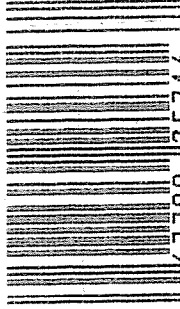
ORDER NO. 5716

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



5716 C6523328

UPC



0 47700 25716 7

GUN SERIAL # C 6523328

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/2/90	KJ
600	Proof		10/2/90	KJ
607	Check Headspace		10/2/90	KJ
610	Dis-assemble Gun		10/2/90	KJ
612	Magnaflux Barrel Action		10/5/90	KR
	Magnaflux Bolt		10/5/90	KR
615	Rollmark Caliber		10/5/90	BS
617	Drill and Tap Sight Holes		10/8/90	FB
618	Polish Barrel RB		10/9/90	WB
620	Apply Coatings (Barrel Action)		10-20-90	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/30/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/30/90	KS
	C) Inspect Ejector Hole for Chamfer		11/30/90	KS
	D) Oil Firing Pin Ass'y		11/30/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		12/1/90	KS

BARBER - M24 0006175

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			12/3/90	WLB
	G) Safety Off Force	3	3	3			12/3/90	WLB
	H) Trigger Pull Test & Retainability						12/1/90	981
	I) Firing Pin Indent	.022	.0215	.0215			12/3/90	WLB
	J) Assemble Stock						1/12/90	KS
	K) Assemble Swivel Studs						12-4-90	928
	L) Attach Front and Rear Sight Assemblies						1/12/90	KS
	M) Iron Sight Alignment						1/12/90	KS
	N) Detach Front & Rear Sights & place in numbered container						1/12/90	KS
	O) Attach Scope to Rifle						1/12/90	KS
	P) Detach & Attach Scope 20 Times						1/12/90	KS
640	Gallery Target & Test						12/3/90	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						12/3/90	AF
655	Final Inspection						12-4-90	928
	A) Headspace						12-4-90	928
	B) Trigger Pull	246	247	262	254	249	12-4-90	928
	C) Function						12-4-90	928
660	Pack						12-18-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 06523328

DATE 12-1-98

TESTER JEL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.39	2.15	2.26	2.46	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.28	2.26	2.47	
PULL #3	2.32	2.18	2.26	2.62	
PULL #4	2.32	2.30	2.17	2.54	
PULL #5	2.33	2.28	2.23	2.49	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.47	3.35		
PULL #2	3.43	3.15		
PULL #3	3.44	3.27		
PULL #4	3.37	3.33		
PULL #5	3.35	3.38		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.42		4.38
PULL #2	4.36	4.42		4.23
PULL #3	4.34	4.43		4.11
PULL #4	4.29	4.46		4.39
PULL #5	4.39	4.34		4.33
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523328
4 Dec 1990

CENTROIDAL DISTANCES

0 TO	1	.165245
1 TO	2	.27821
1 TO	3	.241661
1 TO	4	.209995
1 TO	5	.214283

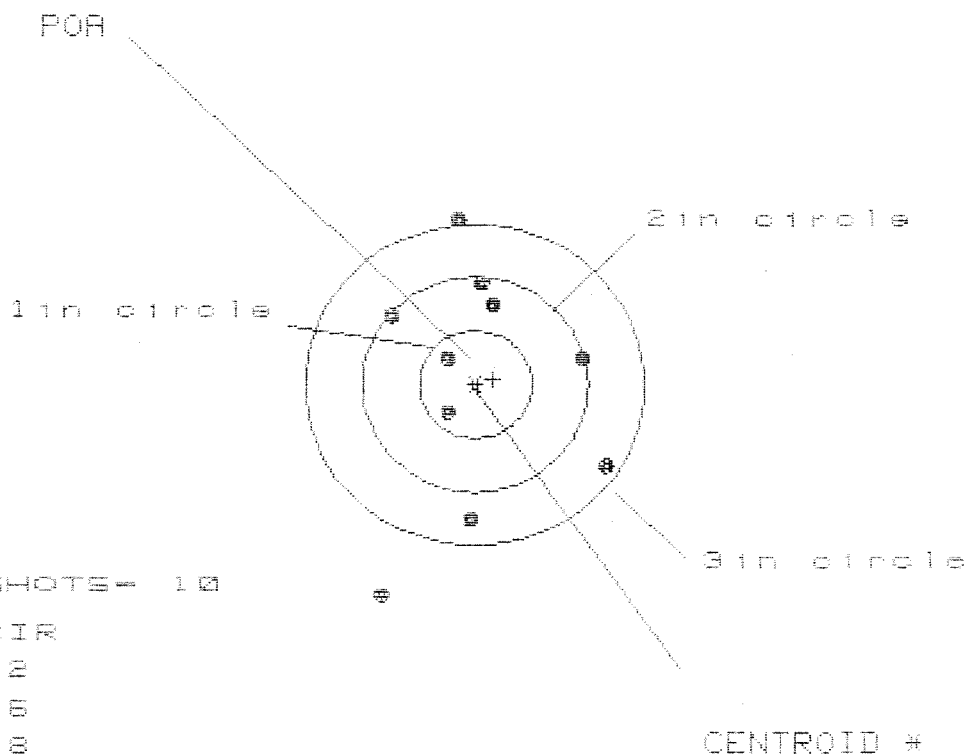
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THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.048
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0616
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0780933
THE AMR FOR THIS RIFLE IS: .9238

4 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523328

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 1.991

VS= 3.499

GS= 3.567

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.146	1.052	1.021
MINIMUM X	-.845	-.823	-.854
MAXIMUM Y	1.520	1.300	.919
MINIMUM Y	-1.979	-1.498	-1.336
CENTROID X	-.159	-.065	-.034
CENTROID Y	-.045	.175	.013
POA TO CENTROID in.	.165	.187	.036
MIN RADIUS	.316	.384	.443
MEAN RADIUS	1.066	.913	.874
MAX RADIUS	2.152	1.508	1.351
HORIZONTAL SPREAD	1.991	1.875	1.875
VERTICAL SPREAD	3.499	2.798	2.255
EXTREME SPREAD	3.567	2.799	2.338
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

4 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8523328

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 3

2 in = 8

3 in = 9

HS= 2.289

VS= 2.465

GS= 3.071

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.883	.727	.564
MINIMUM X	:	-1.405	-1.309	-.984
MAXIMUM Y	:	.547	.334	.307
MINIMUM Y	:	-1.918	-.304	-.262
CENTROID X	:	.092	.249	.412
CENTROID Y	:	.075	.288	.246
POA TO CENTROID in.	:	.119	.380	.480
MIN RADIUS	:	.378	.206	.037
MEAN RADIUS	:	.833	.571	.403
MAX RADIUS	:	2.378	1.351	.985
HORIZONTAL SPREAD	:	2.289	2.036	1.548
VERTICAL SPREAD	:	2.465	.638	.569
EXTREME SPREAD	:	3.071	2.078	1.548
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

4 Dec 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08523328

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 0

2 in = 6

3 in = 7

HS = 2.049

VS = 3.406

GS = 3.793

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.882	.753	.832
MINIMUM X	:	-1.167	-.990	-.911
MAXIMUM Y	:	1.422	1.202	.978
MINIMUM Y	:	-1.984	-1.790	-.953
CENTROID X	:	-.059	.070	-.009
CENTROID Y	:	-.265	-.045	.179
POA TO CENTROID in.	:	.272	.083	.179
MIN RADIUS	:	.554	.540	.349
MEAN RADIUS	:	1.182	1.023	.866
MAX RADIUS	:	2.302	1.899	1.212
HORIZONTAL SPREAD	:	2.049	1.743	1.743
VERTICAL SPREAD	:	3.406	2.992	1.931
EXTREME SPREAD	:	3.793	3.003	2.319
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	

BARBER - M24 0006181

NUMBER IN THREE INCH CIRCLE =

7

4 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523328

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 4

2in = 7

3in = 10

HS= 1.371

VS= 2.200

GS= 2.230

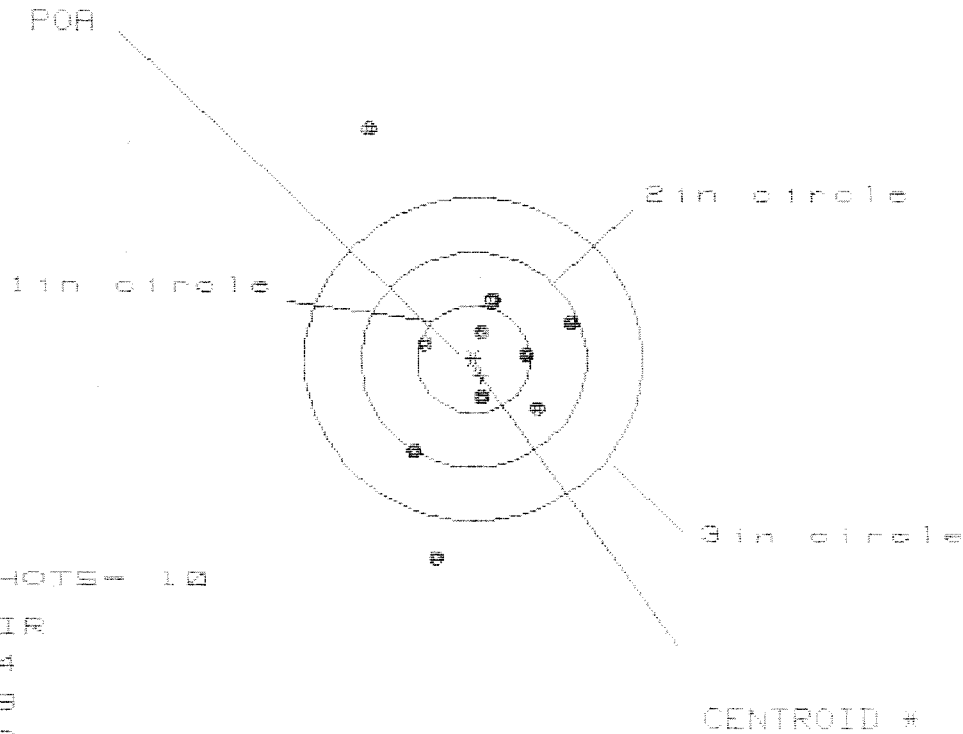
CENTROID *

PATTERN #	4	9	9
SHOTS (BEST OF)	10	9	9
MAXIMUM X	.509	.510	.535
MINIMUM X	-.862	-.806	-.781
MAXIMUM Y	1.106	.984	.589
MINIMUM Y	-1.094	-.662	-.539
CENTROID X	-.046	-.102	-.127
CENTROID Y	-.222	-.100	-.223
POA TO CENTROID in.	.226	.143	.257
MIN RADIUS	.036	.125	.110
MEAN RADIUS	.639	.583	.513
MAX RADIUS	1.207	1.004	.932
HORIZONTAL SPREAD	1.371	1.316	1.316
VERTICAL SPREAD	2.200	1.646	1.048
EXTREME SPREAD	2.230	1.773	1.551
NUMBER IN ONE INCH CIRCLE	= 4		
NUMBER IN TWO INCH CIRCLE	= 7		
NUMBER IN THREE INCH CIRCLE	= 10		

4 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523328

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 4

2in = 8

3in = 8

HS= 1.827

VS= 3.962

GS= 4.008

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.912	.811	.760
MINIMUM X	-.914	-.608	-.659
MAXIMUM Y	2.145	.792	.594
MINIMUM Y	-1.817	-1.578	-.801
CENTROID X	-.068	.034	.085
CENTROID Y	.149	-.090	.108
POA TO CENTROID in.	.163	.096	.137
MIN RADIUS	.251	.161	.295
MEAN RADIUS	.899	.726	.581
MAX RADIUS	2.332	1.630	1.037
HORIZONTAL SPREAD	1.827	1.419	1.419
VERTICAL SPREAD	3.962	2.370	1.395
EXTREME SPREAD	4.008	2.506	1.868
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		8	