

C6349042

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington




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

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

MODEL 700™ H24

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

SERIAL NO.
C6349042

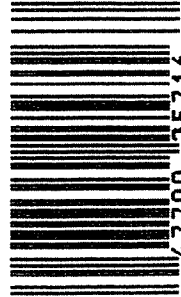
ORDER NO.
5716

Ø1



5716 C6349042

UPC



0 47700 25716 7

RC-20

Replace

M-24

INTERCHANGEABILITY

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349042

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	12-20 89	RW
600	Proof		12-20 89	✓
607	Check Headspace		12-20 89	✓
610	Dis-assemble Gun		12-20 89	RW
612	Magnaflux Barrel Action		1-5-90	KCR
	Magnaflux Bolt		1-5-90	
615	Rollmark Caliber		1/3/90	JS
17	Drill and Tap Sight Holes		1/8/90	FB
618	Polish Barrel RB		1/9/90	WB
620	Apply Coatings (Barrel Action)		1-5-90	TH
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		2/1/90 1/16/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/16/90	RW
	C) Inspect Ejector Hole for Chamfer		1/16/90	RW
	D) Oil Firing Pin Ass'y		1/16/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1/16/90	JS

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	4	4	4	1-17-90	JS		
	G) Safety Off Force	3	3	3	1-17-90	JS		
	H) Trigger Pull Test & Retainability				17 Mar 90	JS		
	I) Firing Pin Indent	.020	.020	.020	1-17-90	JS		
	J) Assemble Stock				3/8/90	RW		
	K) Assemble Swivel Studs				3/15/90	WB		
	L) Attach Front and Rear Sight Assemblies				3/8/90	RW		
	M) Iron Sight Alignment				3/8/90	RW		
	N) Detach Front & Rear Sights & place in numbered container				3/8/90	RW		
	O) Attach Scope to Rifle				3/8/90	WB		
	P) Detach & Attach Scope 20 Times				3/8/90	WB		
640	Gallery Target & Test				3-9-90	JS TOMA Help		
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace				15 Mar 90	JS		
	B) Trigger Pull	279	281	281	261	262	15 Mar 90	JS
	C) Function						15 Mar 90	JS
660	Pack						20 Mar 90	JS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6349042

DATE 17 Jan 90

TESTER JES

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.64	2.27	2.79	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.57	2.21	2.81	
PULL #3	2.73	2.38	2.53	2.81	
PULL #4	2.59	2.08	2.59	2.61	
PULL #5	2.68	2.42	2.49	2.62	
TOTAL	12.86	12.06	12.09	13.64	
AVG.	2.572	2.412	2.418	2.728	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.33	3.20		
PULL #2	3.39	3.34		
PULL #3	3.47	3.40		
PULL #4	3.53	3.32		
PULL #5	3.51	3.30		
TOTAL	17.23	16.56		
AVG.	3.446	3.312		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.11	4.24		4.48
PULL #2	4.25	4.20		4.22
PULL #3	4.13	4.08		4.31
PULL #4	4.29	4.14		4.24
PULL #5	4.41	4.07		4.24
TOTAL	21.19	20.73		21.49
AVG.	4.238	4.146		4.298

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06349042
9 Mar 1990

CENTROIDAL DISTANCES

0 TO	1	.932749
1 TO	2	1.05551
1 TO	3	.861413
1 TO	4	.491089
1 TO	5	.492428

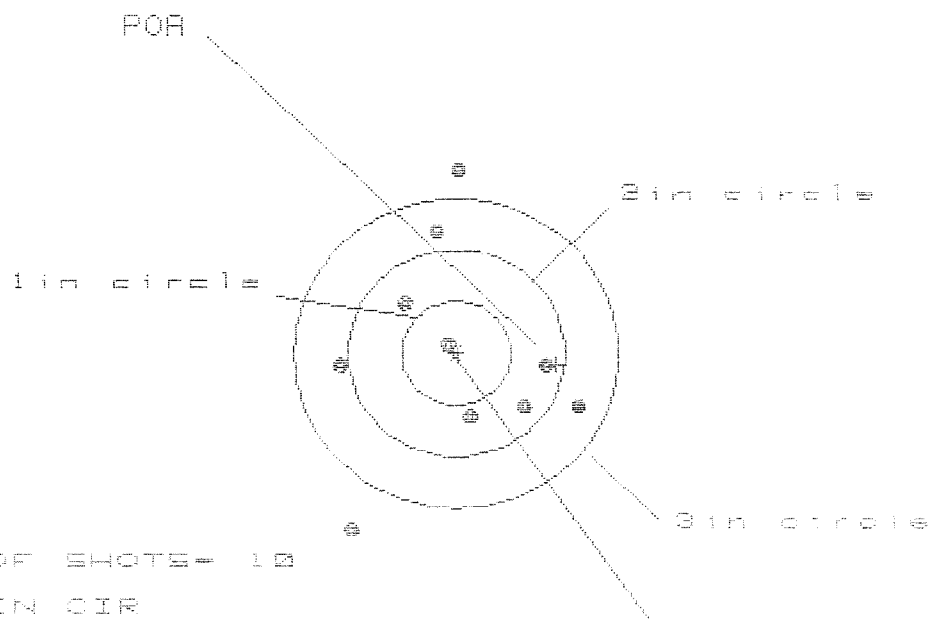
$\frac{1}{4} \pi$ (----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.4216
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.8784
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .427437
THE AMR FOR THIS RIFLE IS: 1.016

9 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06345042

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 8

HS = 2.217

VS = 3.456

GS = 3.581

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.155	1.048	1.036
MINIMUM X	-1.062	-1.169	-1.181
MAXIMUM Y	1.776	1.589	1.159
MINIMUM Y	-1.688	-1.838	-1.631
CENTROID X	-.926	-.819	-.807
CENTROID Y	.112	.299	.108
POA TO CENTROID in.	.932	.871	.813
MIN RADIUS	.135	.188	.223
MEAN RADIUS	1.034	.932	.827
MAX RADIUS	1.937	1.592	1.202
HORIZONTAL SPREAD	2.217	2.217	2.217
VERTICAL SPREAD	3.456	2.419	1.789
EXTREME SPREAD	3.591	2.547	2.253
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

9 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06040042

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 2.681

VS= 1.556

GS= 2.707

CENTROID *

PATTERN #

:

2

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

1.173

1.006

.021

MINIMUM X

:

-1.508

-1.474

-1.158

MAXIMUM Y

:

.816

.838

.018

MINIMUM Y

:

-.748

-.718

-.738

CENTROID X

:

.126

.293

.478

CENTROID Y

:

.026

.004

.024

POA TO CENTROID in.:

.129

.293

.478

MIN RADIUS

:

.547

.386

.204

MEAN RADIUS

:

.970

.872

.744

MAX RADIUS

:

1.521

1.483

1.222

HORIZONTAL SPREAD

:

2.681

2.480

1.979

VERTICAL SPREAD

:

1.556

1.556

1.556

EXTREME SPREAD

:

2.707

2.593

1.988

NUMBER IN ONE INCH CIRCLE =

0

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

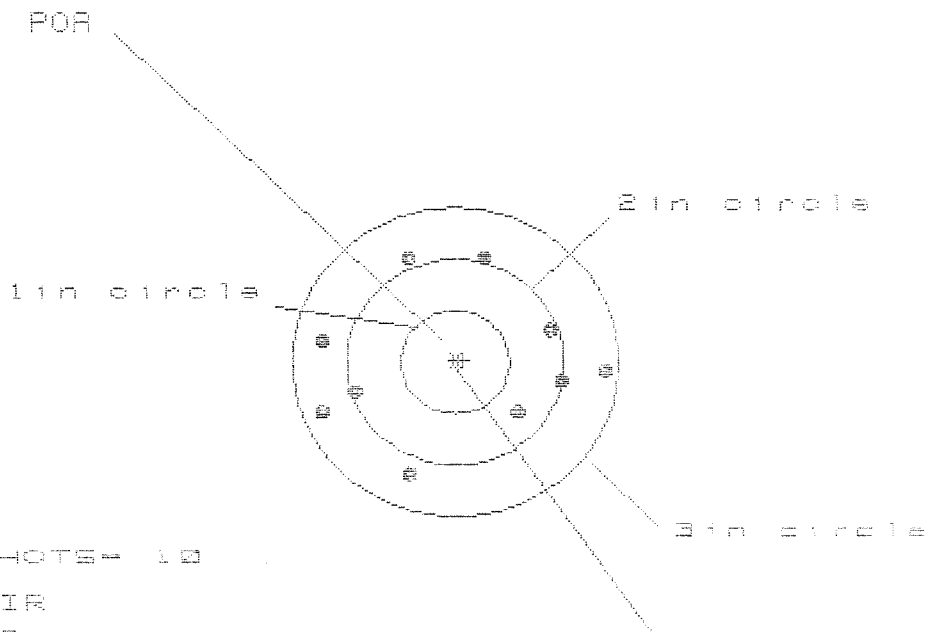
9

9 Mar 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8549042

CENTERFIRE PATTERNS

3



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 4

3 in = 10

HS = 2.604

VS = 2.108

GS = 2.635

CENTROID #

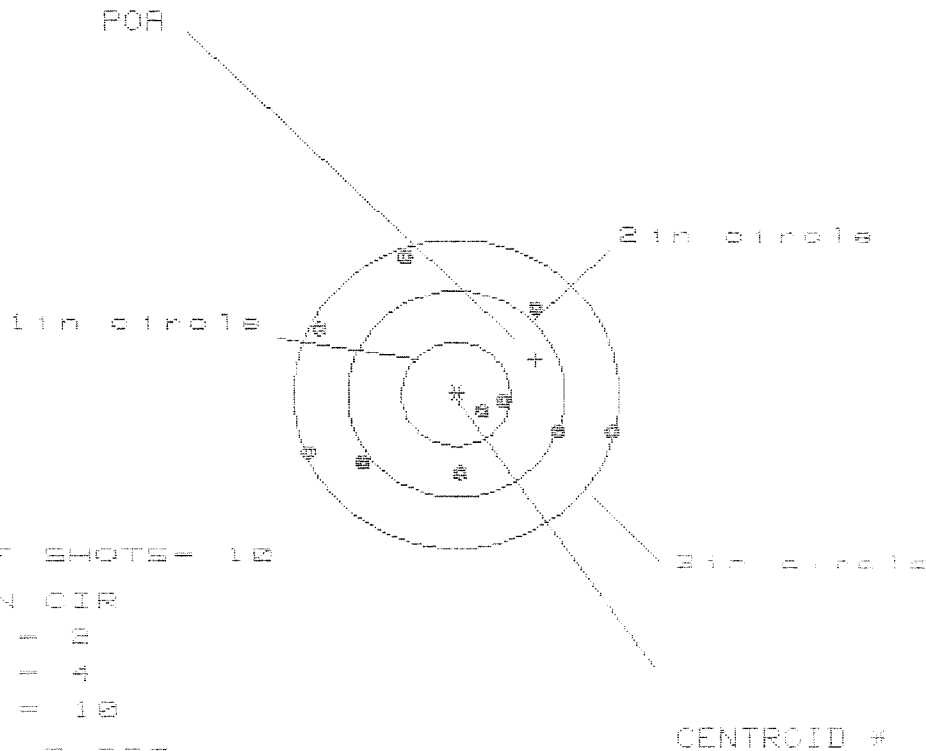
PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.386	1.133	1.000
MINIMUM X	:	-1.218	-1.054	-1.164
MAXIMUM Y	:	1.028	1.022	.963
MINIMUM Y	:	-1.079	-1.086	-1.145
CENTROID X	:	-.074	-.228	-.095
CENTROID Y	:	-.015	-.009	.050
POA TO CENTROID in.	:	.076	.228	.107
MIN RADIUS	:	.777	.792	.836
MEAN RADIUS	:	1.087	1.047	1.021
MAX RADIUS	:	1.387	1.163	1.224
HORIZONTAL SPREAD	:	2.604	2.197	2.164
VERTICAL SPREAD	:	2.108	2.108	2.108
EXTREME SPREAD	:	2.635	2.244	2.212
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	10		

9 Mar 1980

FILE:/PATTERNING/CENTERFIRE_PATT/08849042

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 10

HS= 2.735

VS= 2.107

GS= 2.846

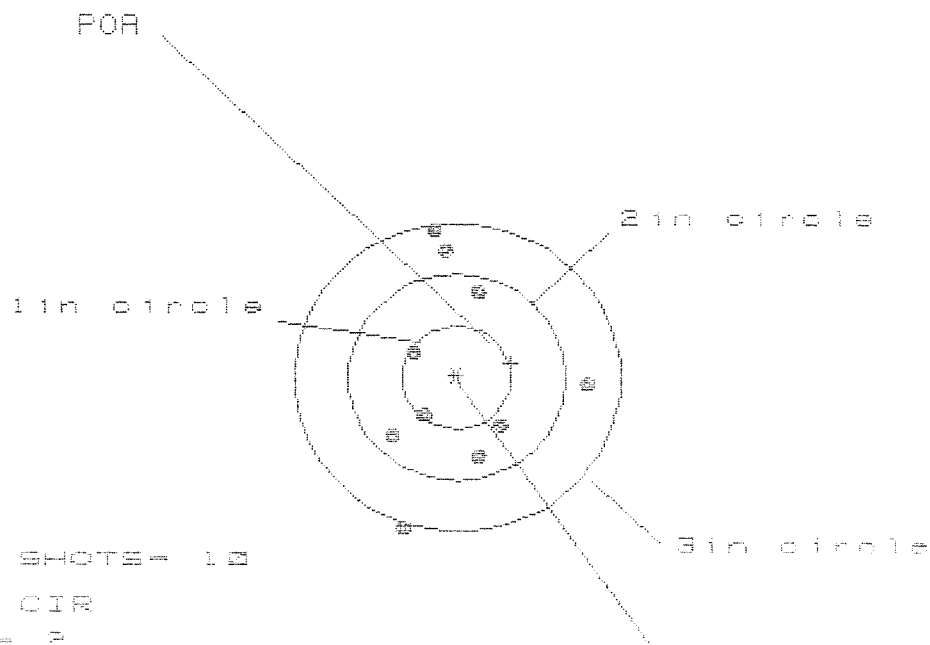
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.409	1.262	.933
MINIMUM X	:	-1.326	-1.414	-1.256
MAXIMUM Y	:	1.324	1.257	1.210
MINIMUM Y	:	-.783	-.850	-.897
CENTROID X	:	-.734	-.587	-.745
CENTROID Y	:	-.340	-.273	-.226
POR TO CENTROID (in.)	:	.809	.648	.778
MIN RADIUS	:	.257	.235	.247
MEAN RADIUS	:	1.042	.973	.954
MAX RADIUS	:	1.454	1.533	1.369
HORIZONTAL SPREAD	:	2.735	2.676	2.189
VERTICAL SPREAD	:	2.107	2.107	2.107
EXTREME SPREAD	:	2.846	2.846	2.414
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

9 Mar 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08345042

CENTERFIRE PATTERNS

5



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 1.820

VS= 2.981

GS= 2.992

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.244	1.192	1.160
MINIMUM X	:	-.576	-.628	-.660
MAXIMUM Y	:	1.477	1.310	1.139
MINIMUM Y	:	-1.504	-.927	-.763
CENTROID X	:	-.500	-.448	-.416
CENTROID Y	:	-.135	.032	-.132
POR TO CENTROID in.	:	.518	.449	.436
MIN RADIUS	:	.431	.428	.492
MEAN RADIUS	:	.946	.983	.804
MAX RADIUS	:	1.574	1.336	1.218
HORIZONTAL SPREAD	:	1.820	1.820	1.820
VERTICAL SPREAD	:	2.981	2.237	1.962
EXTREME SPREAD	:	2.992	2.281	1.997
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06349042
19 Mar 1990

CENTROIDAL DISTANCES

0 TO	1	.350169
1 TO	2	.352278
1 TO	3	.563128
1 TO	4	.377637
1 TO	5	.372505

3.4 J (----FOR

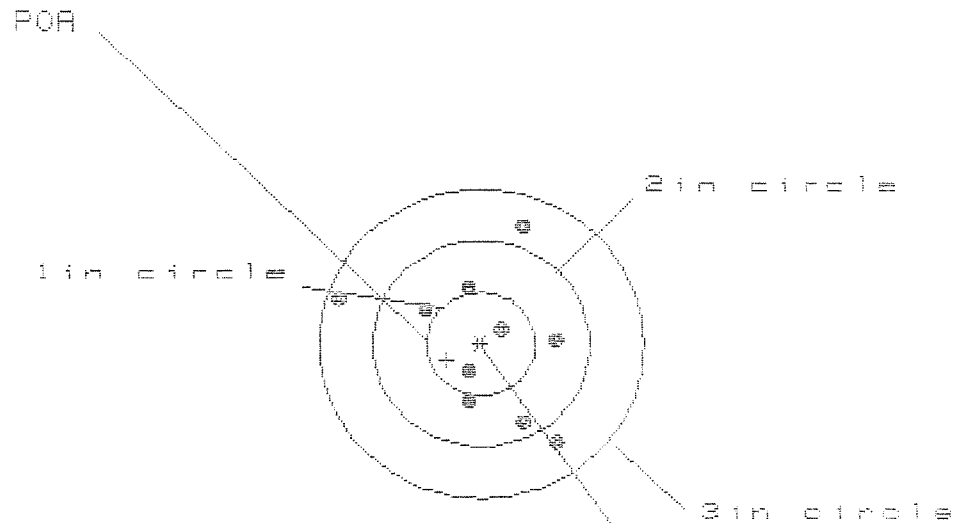
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3482
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0152
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0585399
THE AMR FOR THIS RIFLE IS: .7752

17 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8545042.1

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 1.908

VS= 2.131

GS= 2.367

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.644	.504	.560
MINIMUM X	-1.264	-.698	-.635
MAXIMUM Y	1.126	1.171	1.050
MINIMUM Y	-1.004	-.960	-.876
CENTROID X	.313	.453	.390
CENTROID Y	.157	.112	.232
POA TO CENTROID in.	.350	.467	.454
MIN RADIUS	.195	.151	.092
MEAN RADIUS	.745	.672	.611
MAX RADIUS	1.325	1.194	1.093
HORIZONTAL SPREAD	1.908	1.202	1.195
VERTICAL SPREAD	2.131	2.131	1.927
EXTREME SPREAD	2.367	2.148	1.927
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

17 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349042.1

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 6

2in = 8

3in = 9

HS= 3.003

VS= .943

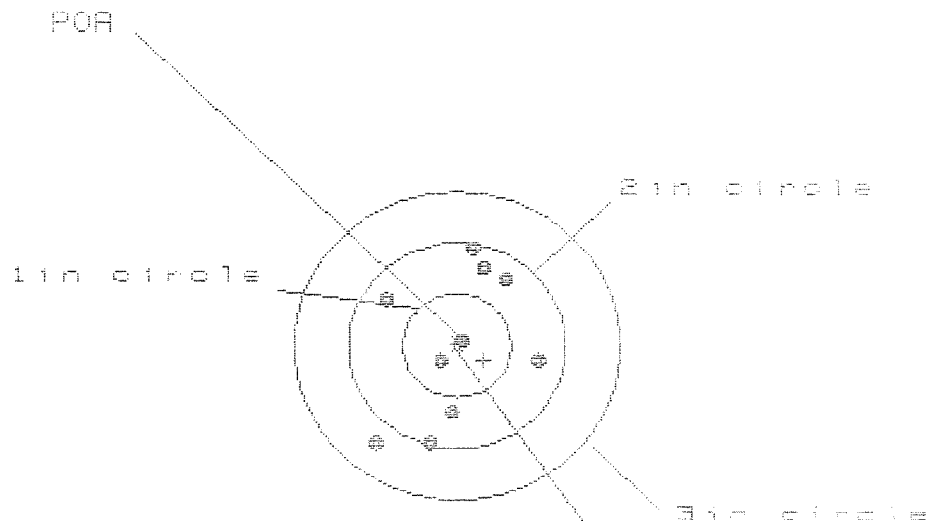
CS= 3.004

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	6
MAXIMUM X	:	1.782	.562	.434
MINIMUM X	:	-1.220	-1.022	-.708
MAXIMUM Y	:	.607	.600	.604
MINIMUM Y	:	-.336	-.343	-.339
CENTROID X	:	.113	-.085	.043
CENTROID Y	:	-.133	-.126	-.130
POA TO CENTROID in.	:	.175	.152	.137
MIN RADIUS	:	.188	.065	.126
MEAN RADIUS	:	.651	.507	.433
MAX RADIUS	:	1.783	1.023	.785
HORIZONTAL SPREAD	:	3.003	1.584	1.142
VERTICAL SPREAD	:	.943	.943	.943
EXTREME SPREAD	:	3.004	1.664	1.465
NUMBER IN ONE INCH CIRCLE	=		6	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

17 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349042.1

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 9

3 in = 10

HS= 1.569

VS= 1.892

GS= 2.093

CENTROID *

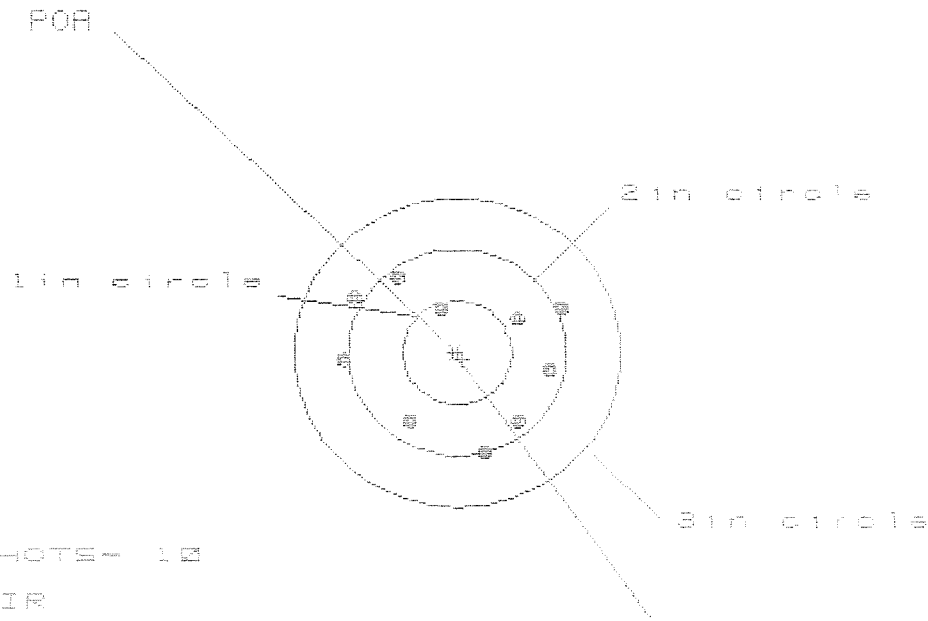
PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.799	.714	.677
MINIMUM X	-.770	-.697	-.734
MAXIMUM Y	.934	.830	.698
MINIMUM Y	-.958	-1.062	-.887
CENTROID X	-.250	-.165	-.128
CENTROID Y	.145	.249	.382
POR TO CENTROID in.	.289	.298	.402
MIN RADIUS	.125	.012	.144
MEAN RADIUS	.733	.663	.610
MAX RADIUS	1.210	1.102	.901
HORIZONTAL SPREAD	1.569	1.411	1.411
VERTICAL SPREAD	1.892	1.892	1.584
EXTREME SPREAD	2.093	1.931	1.599
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		9	
NUMBER IN THREE INCH CIRCLE =		10	

17 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06345042.1

CENTERFIRE PATTERNS

4



+ OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 10

HS= 2.086

VS= 1.708

GS= 2.156

CENTROID #

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.998

1.013

.891

MINIMUM X

-1.087

-.977

-.910

MAXIMUM Y

.740

.790

.784

MINIMUM Y

-.968

-.910

-.924

CENTROID X

-.054

-.165

-.043

CENTROID Y

.068

.018

.024

POR TO CENTROID in.

.087

.166

.050

MIN RADIUS

.454

.469

.490

MEAN RADIUS

.889

.863

.839

MAX RADIUS

1.094

1.018

1.100

HORIZONTAL SPREAD

2.086

1.990

1.801

VERTICAL SPREAD

1.708

1.708

1.708

EXTREME SPREAD

2.156

1.991

1.938

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

10

17 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08348042.1

CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

* CF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 10

HS= 2.270

VS= 2.103

ES= 2.339

CENTROID *

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.159	1.117	.962
MINIMUM X	-1.111	-1.153	-1.013
MAXIMUM Y	.836	.695	.739
MINIMUM Y	-1.267	-.837	-.793
CENTROID X	.119	.161	.021
CENTROID Y	-.161	-.020	-.063
POA TO CENTROID in.	.200	.162	.067
MIN RADIUS	.141	.252	.278
MEAN RADIUS	.858	.803	.749
MAX RADIUS	1.324	1.171	1.016
HORIZONTAL SPREAD	2.270	2.270	1.945
VERTICAL SPREAD	2.103	1.532	1.532
EXTREME SPREAD	2.339	2.292	1.961
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-20875

INITIAL FPS	CUSTOMER ORDER NO.	M-24 ATTN: FRED MARTIN W/ULTRA 10X-M3A SCOPE				
DATE RECEIVED 07/08/94	DATE OPENED 07/12/94	DATE CODE XJ 12-89	SERIAL NUMBER C6349042	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62	NATO
ACCESSORIES W/STUDS	SCOPE MNTS		SCOPE BASE			

FROM:

DEPARTMENT OF THE ARMY
USASCH DOL
STOR BR, BLDG 2131
SCHO BKS

HI 96857

SHIP TO:

DEPARTMENT OF THE ARMY
USASCH DOL
STOR BR, BLDG 2131
SCHO BKS

HI
96857

L CUST NO: 078579 C.O.D.L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA R759266291
----------------	--------------------	--------------------------------	------------	-----------	-------------------

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			

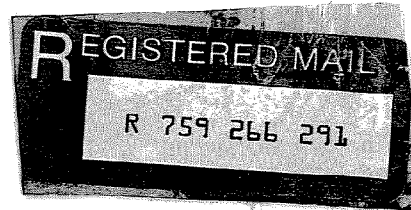
MAIN FAULT

Bolt Stop Release Spring Broken
New Barrel

PARTS	COMMENTS
Barrel - 96003 Bolt Stop Spring - 15224	Repowder Coat - Floor plate, latch, Trigger Guard, Front & Rear Sight Bases Re-line - Scope Base, Rings & Swivel Studs
W52409 4193 H229	
REPAIRMAN RW	PROOF ✓
GALLERY TESTER RW	CLEAN ✓
	TEST ✓
	TARGET ✓
	DATE 7/11/94
	DATE 7/20/94
	DATE 7/21/94
	DATE 7/21/94

OFFICE COPY

RDB



CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400106546

DA Label 18, Mar 83
Edition of Apr 59 will be used until exhausted.

DEPARTMENT OF THE ARMY
USASCH DOL
STOR BR, BLDG 2131
SCHO BKS, HI 96857-5006

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300

REMINGTON ARMS CO, INC
ATTN: CUSTOM SHOP
14 HOFELER AVE
LLION, NY 13357

USE TYPEWRITER OR PRINT FIRMLY ON HARD SURFACE WITH HARD PENCIL OR BALLPOINT PEN

655 - 4228

DA FORM 2407
MAY 81

EDITION OF JUL 79 IS OBSOLETE.

NMP COPY 2

M2400106548

M12400106549

DA FORM 2404
1 APR 79

Replaces edition of 1 Jan 64, which will be used

M2400106550

GPO : 1991 0 - 301-856 (40140)

M2400106551

☆ U.S. GOVERNMENT PRINTING OFFICE: 1982-355-727

Final Inspection

In: C6349042

DATE REC'D: 7/08/94

DATE RET'D:

Auditor: RW

Item:

Barrel Assy.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

Scope Assy.

☒ Scope☒ Scope Rings☒ Mounting Screws☒ Mounting Base☒ SCREWS☒ FINISH☒ LOOSENESS☒ CLARITY

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

☒ Stock☒ Sling Swivel Studs☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

Systems Case

☐ Scope Case☐ Iron Sights☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SET

Comments: _____

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C6349042

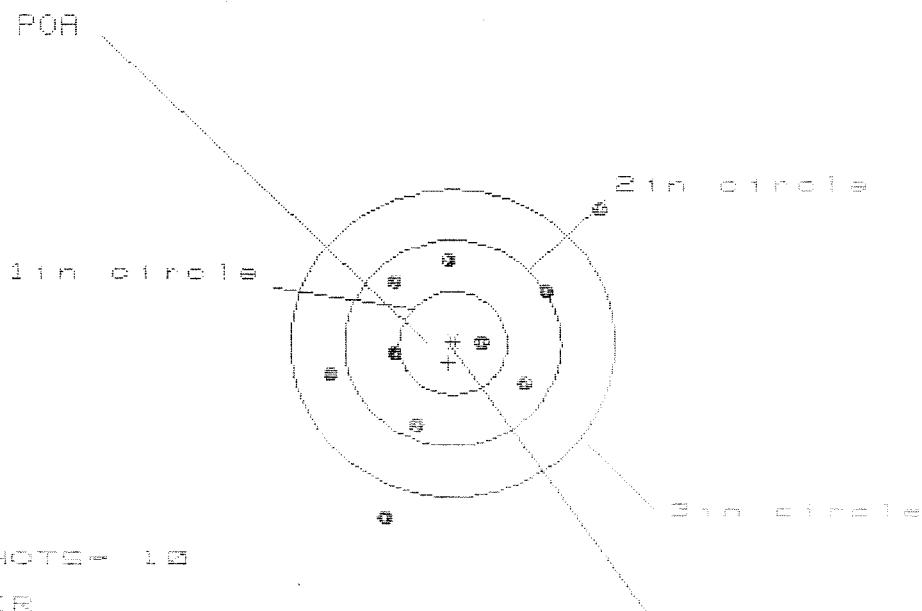
OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		7/11/94	RW
600	Proof		7/11/94	RW
607	Check Headspace		7/11/94	RW
610	Dis-assemble Gun		7/11/94	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/20/94	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/20/94	RW
	C) Inspect Ejector Hole for Chamfer		7/20/94	RW
	D) Oil Firing Pin Ass'y		7/20/94	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force							
	G) Safety Off Force							
	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						7/21/94	RW
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo						7/24/94	RW
655	Final Inspection							
	A) Headspace						7/23/94	RW
	B) Trigger Pull	2.64	2.61	2.58	2.48	2.66	7/23/94	RW
	C) Function						7/23/94	RW
660	Pack							

22 Jul 1994

FILE:/PATTERNING/CENTERFIRE_PATT/06349042

CENTERFIRE PATTERNS # 1



* OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.487

VS= 2.961

GS= 3.560

CENTROID *

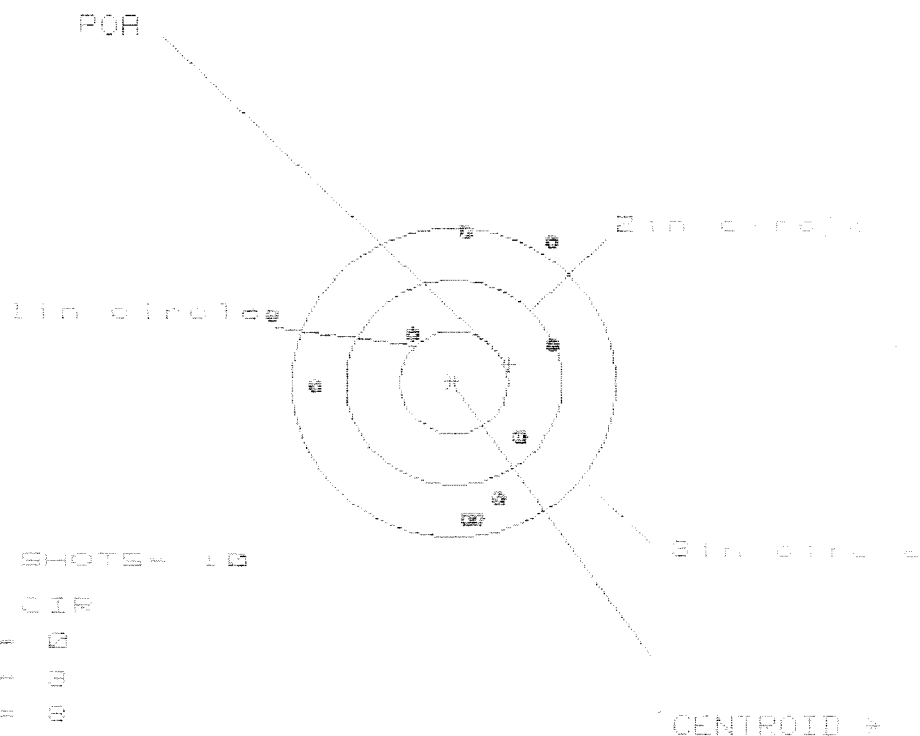
PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.356	1.050	.992
MINIMUM X	:	-1.131	-.981	-1.039
MAXIMUM Y	:	1.295	.907	.717
MINIMUM Y	:	-1.666	-1.522	-.858
CENTROID X	:	.038	-.112	-.054
CENTROID Y	:	.190	.046	.236
POA TO CENTROID in.	:	.194	.121	.242
MIN RADIUS	:	.303	.410	.392
MEAN RADIUS	:	.998	.894	.787
MAX RADIUS	:	1.875	1.593	1.107
HORIZONTAL SPREAD	:	2.487	2.031	2.031
VERTICAL SPREAD	:	2.961	2.429	1.575
EXTREME SPREAD	:	3.560	2.678	2.184
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

22 Jul 1984

FILE:/PATTERNING/CENTERFIRE_PATT/08349842

CENTERFIRE PATTERNS

2



OF SHOTS = 10

IN 1 CIRC

1 IN = 0

2 IN = 3

3 IN = 8

ME = 2.556

VS = 2.867

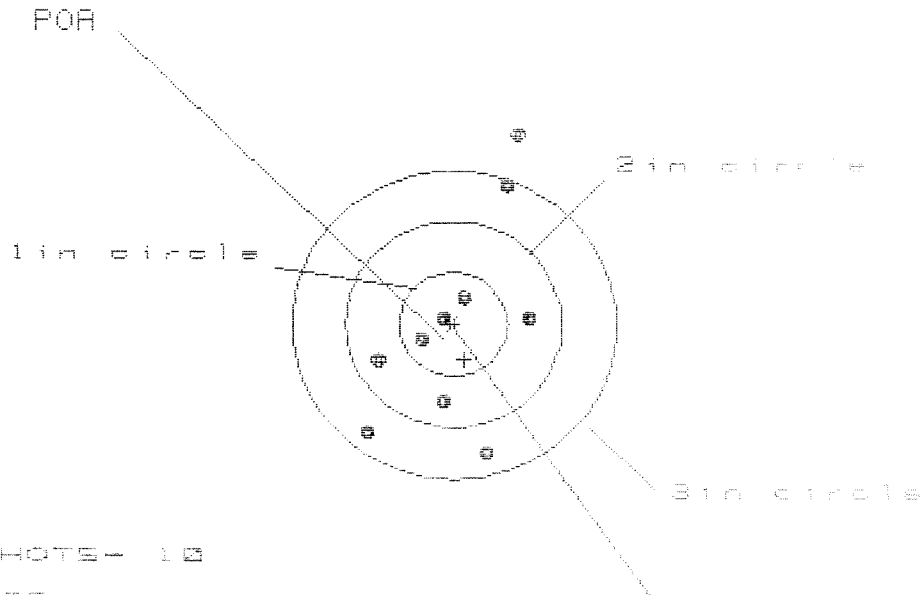
GS = 2.867

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.897	.712	.801
MINIMUM X	-1.659	-1.435	-1.346
MAXIMUM Y	1.491	1.562	1.739
MINIMUM Y	-1.376	-1.305	-1.128
CENTROID X	-.517	-.332	-.421
CENTROID Y	-.171	-.242	-.419
POB TO CENTROID in.	.544	.411	.594
MIN RADIUS	.631	.601	.567
MEAN RADIUS	1.244	1.162	1.089
MAX RADIUS	1.778	1.581	1.739
HORIZONTAL SPREAD	2.556	2.147	2.147
VERTICAL SPREAD	2.867	2.867	2.867
EXTREME SPREAD	2.867	2.867	2.867
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		8	

22 Jul 1994

FILE:/PATTERNING/CENTERFIRE_PATT/08349842

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 9

HSI = 1.480

VSI = 3.083

GSI = 3.136

CENTROID +

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.651	.715	.782
MINIMUM X	:	-.829	-.765	-.699
MAXIMUM Y	:	1.810	1.529	.654
MINIMUM Y	:	-1.272	-1.071	-.880
CENTROID X	:	-.101	-.165	-.232
CENTROID Y	:	.342	.141	-.050
POA TO CENTROID in.	:	.357	.217	.237
MIN RADIUS	:	.110	.229	.027
MEAN RADIUS	:	.883	.760	.655
MAX RADIUS	:	1.899	1.619	.976
HORIZONTAL SPREAD	:	1.480	1.480	1.480
VERTICAL SPREAD	:	3.083	2.600	1.534
EXTREME SPREAD	:	3.136	2.601	1.791
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

22 Jul 1994

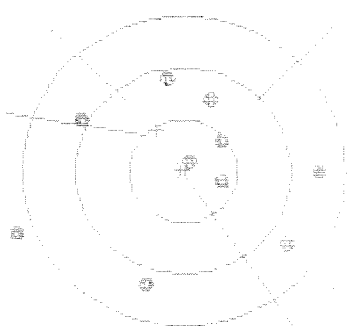
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CENTERFIRE PATTERN#

4

FOR

1 in circle



2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 9

1ST = 2.863

2ST = 1.995

3ST = 2.896

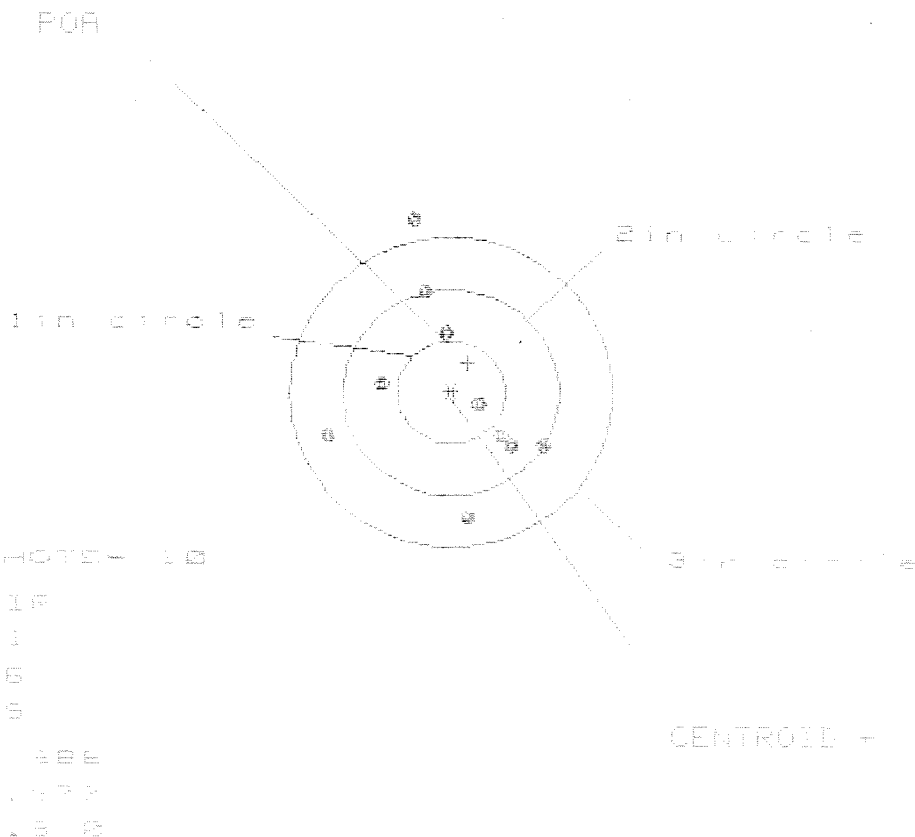
CENT

PATTERN #	1	4	9
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.245	1.069	.917
MINIMUM X	-1.588	-1.142	-1.008
MAXIMUM Y	.930	.868	.865
MINIMUM Y	-1.085	-1.127	-1.131
CENTROID X	.248	.424	.290
CENTROID Y	-.398	-.336	-.330
ROR TO CENTROID (in)	.469	.541	.441
MIN RADIUS	.077	.150	.018
MEAN RADIUS	.881	.755	.712
MAX RADIUS	1.685	1.262	1.211
HORIZONTAL SPREAD	2.833	2.311	1.925
VERTICAL SPREAD	1.995	1.995	1.095
EXTREME SPREAD	2.896	2.255	2.255
NUMBER IN ONE INCH CIRCLE	=	3	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	9	

28 Jul 1994

FILE: PATTERNS/CENTERFIRE_PATT:5:45842

CENTERFIRE PATTERNS



OF SHOTS = 10

IN CIR

1in = 1

2in = 6

3in = 9

ME = 1.282

MS = 1.477

GS = 1.310

PATTERN #			
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.890	.855	.867
MINIMUM X	-1.098	-1.133	-1.121
MAXIMUM Y	1.663	1.134	1.003
MINIMUM Y	-1.214	-1.029	-1.475
CENTROID X	-.156	-.121	.132
CENTROID Y	-.287	-.472	-.040
POA TO CENTROID (in)	.327	.487	.366
MIN RADIUS	.318	.265	.279
MEAN RADIUS	.898	.788	.753
MAX RADIUS	1.692	1.168	1.198
HORIZONTAL SPREAD	1.988	1.980	1.988
VERTICAL SPREAD	2.877	2.163	1.486
EXTREME SPREAD	2.910	2.196	1.989
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	9	