

C6349213

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

79

M2400110326

CONFIDENTIAL SUBJECT TO PROTECTIVE ORDER

RECEIVING AND ESTIMATING REPORT

ORDER R 94-18168

INITIAL FDC	CUSTOMER ORDER NO. DAAA09-92-C-0834		W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT ATTN: FRED MARTIN			Scope # S/N 90-0152	
DATE RECEIVED 06/10/94	DATE OPENED 06/10/94	DATE CODE	SERIAL NUMBER C6349213	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.O.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				
✓ New Barrel					
✓ Trigger Assy					
✓ Firing Pin Assy					
✓ MAG Spring					
✓ New Stock					
✓ Front & Rear Sight Assy					
REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
			4/11/96	4/11/96	

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

M2400110327

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6349213

DATE 3/22/86

TESTER SF

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.68		2.70	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	1.99	2.00		2.60	
PULL #3	2.41	2.57		2.72	
PULL #4	2.36	2.60		2.43	
PULL #5	2.06	2.45		2.56	
TOTAL	11.22	12.3		13.01	
AVG.	2.244	2.46		2.602	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.46		
PULL #2	3.49	3.13		
PULL #3	3.42	3.31		
PULL #4	3.47	3.43		
PULL #5	3.51	3.28		
TOTAL	17.27	16.61		
AVG.	3.454	3.322		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.47	4.20		4.78
PULL #2	4.23	4.08		4.67
PULL #3	4.53	4.02		4.58
PULL #4	4.44	4.11		4.62
PULL #5	4.21	4.28		4.50
TOTAL	21.88	12.41		23.09
AVG.	4.376	2.482		4.618

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349213
11 Feb 1980

CENTROIDAL DISTANCES

0 TO	1	.710049
1 TO	2	.0622977
1 TO	3	.0436807
1 TO	4	.0934077
1 TO	5	.045607

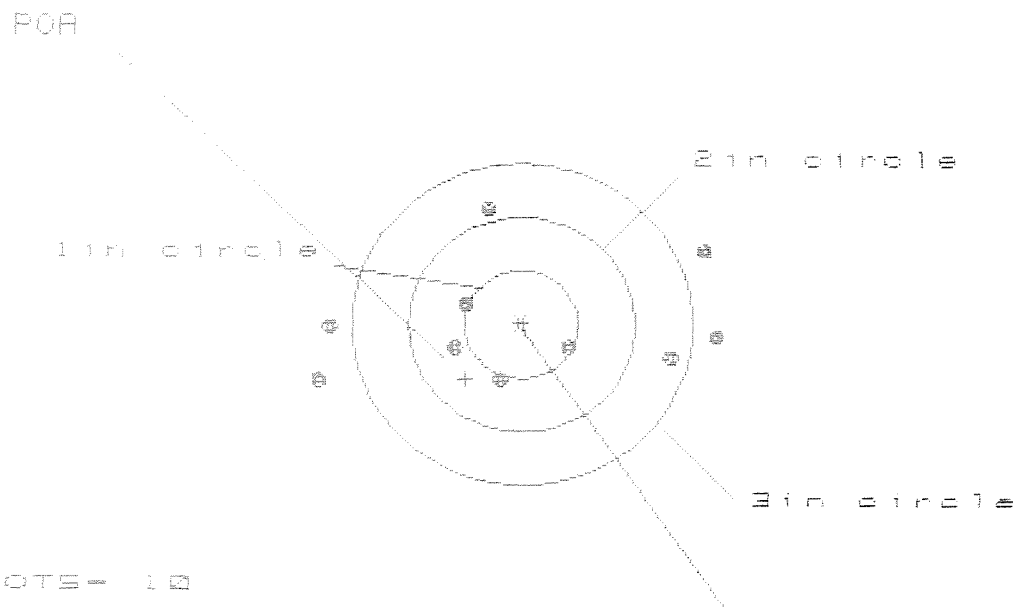
+ (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .5176
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .5304
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .741065
THE AMR FOR THIS RIFLE IS: .964

11 Feb 1968

FILE:/PATTERNING/CENTERFIRE_PATT/06349813

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 5

HS= 3.507

VS= 1.587

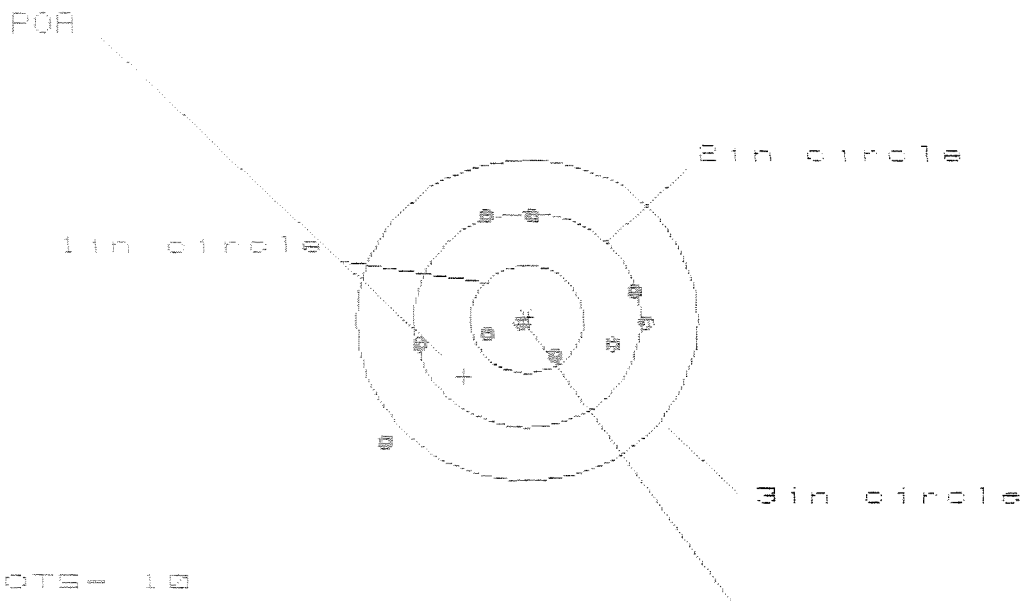
GS= 3.583

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.736	1.539	1.589
MINIMUM X	:	-1.771	-1.853	-1.660
MAXIMUM Y	:	1.043	.983	.962
MINIMUM Y	:	-.544	-.594	-.615
CENTROID X	:	.493	.690	.497
CENTROID Y	:	.511	.571	.592
POA TO CENTROID in.	:	.710	.895	.773
MIN RADIUS	:	.446	.351	.491
MEAN RADIUS	:	1.160	1.090	1.007
MAX RADIUS	:	1.852	1.854	1.701
HORIZONTAL SPREAD	:	3.507	3.392	3.249
VERTICAL SPREAD	:	1.587	1.577	1.577
EXTREME SPREAD	:	3.583	3.393	3.324
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		5	

11 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/ 08349813

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 8

3 in = 9

HS= 2.222

VS= 2.136

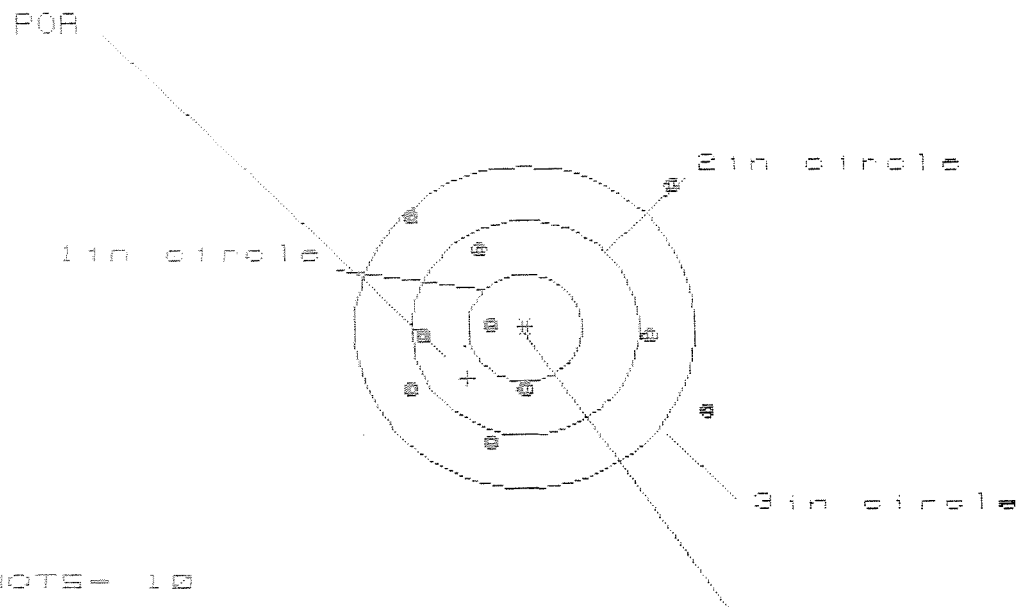
GS= 2.560

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.004	.868	.878
MINIMUM X	:	-1.219	-1.076	-.967
MAXIMUM Y	:	.983	.855	.837
MINIMUM Y	:	-1.153	-.427	-.445
CENTROID X	:	.552	.688	.579
CENTROID Y	:	.531	.659	.677
POA TO CENTROID in.	:	.766	.953	.891
MIN RADIUS	:	.092	.275	.238
MEAN RADIUS	:	.821	.730	.706
MAX RADIUS	:	1.677	1.140	1.044
HORIZONTAL SPREAD	:	2.222	1.944	1.845
VERTICAL SPREAD	:	2.136	1.282	1.282
EXTREME SPREAD	:	2.560	1.958	1.919
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

CENTERFIRE PATTERNS

3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 2.631

VS= 2.389

GS= 3.178

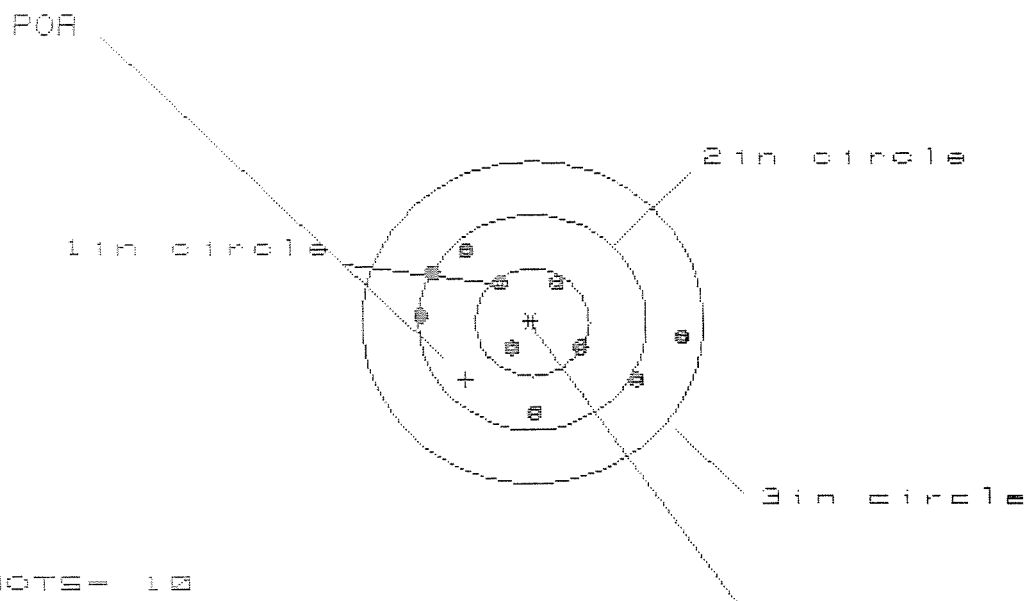
CENTROID *

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.586
MINIMUM X	-1.045
MAXIMUM Y	1.323
MINIMUM Y	-1.066
CENTROID X	.505
CENTROID Y	.469
POA TO CENTROID in.	.689
MIN RADIUS	.325
MEAN RADIUS	1.107
MAX RADIUS	1.841
HORIZONTAL SPREAD	2.631
VERTICAL SPREAD	2.389
EXTREME SPREAD	3.178
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	8

11 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/ 06349213

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 4

2in = 7

3in = 10

HS= 2.276

VS= 1.535

GS= 2.320

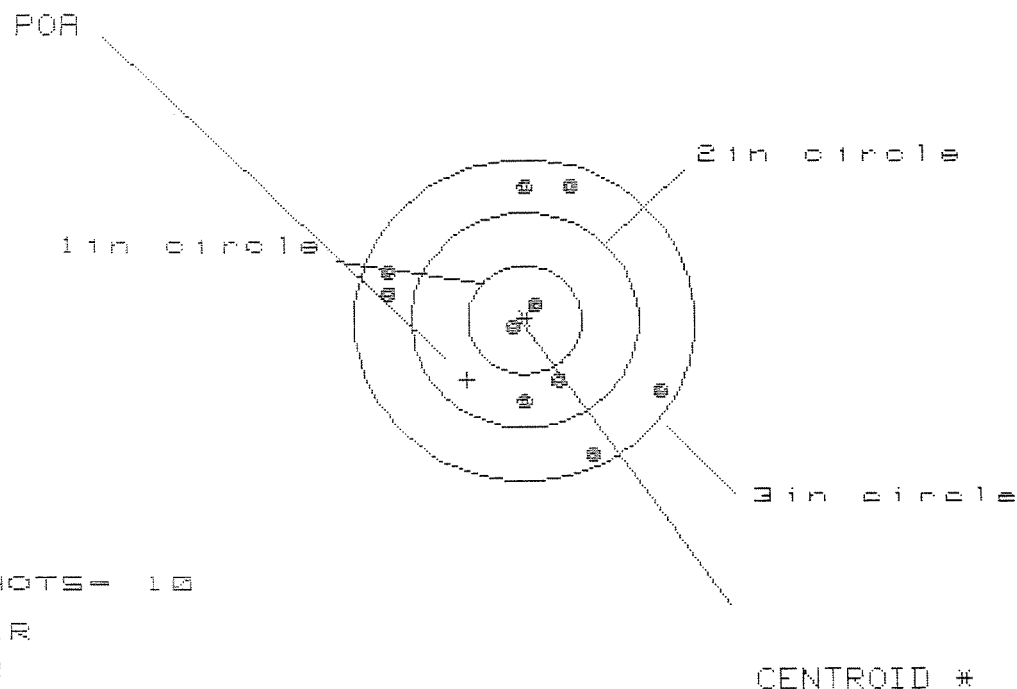
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.343	1.028	.934
MINIMUM X	:	-.933	-.784	-.878
MAXIMUM Y	:	.675	.664	.722
MINIMUM Y	:	-.860	-.871	-.813
CENTROID X	:	.583	.434	.528
CENTROID Y	:	.536	.547	.489
POA TO CENTROID in.	:	.792	.698	.720
MIN RADIUS	:	.359	.300	.288
MEAN RADIUS	:	.776	.698	.671
MAX RADIUS	:	1.346	1.150	1.040
HORIZONTAL SPREAD	:	2.276	1.812	1.812
VERTICAL SPREAD	:	1.535	1.535	1.535
EXTREME SPREAD	:	2.320	2.035	1.900
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

11 Feb 1968

FILE:/PATTERNING/CENTERFIRE_PATT/ 06349213

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 10

HS= 2.433

VS= 2.569

GS= 2.679

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.203	1.273	.577
MINIMUM X	:	-1.230	-1.160	-1.001
MAXIMUM Y	:	1.288	1.146	1.044
MINIMUM Y	:	-1.281	-.896	-.998
CENTROID X	:	.505	.435	.276
CENTROID Y	:	.555	.697	.799
POA TO CENTROID in.	:	.750	.822	.845
MIN RADIUS	:	.134	.126	.308
MEAN RADIUS	:	.956	.908	.850
MAX RADIUS	:	1.427	1.511	1.193
HORIZONTAL SPREAD	:	2.433	2.433	1.578
VERTICAL SPREAD	:	2.569	2.042	2.042
EXTREME SPREAD	:	2.679	2.679	2.070
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

GUN SERIAL #

C6349213

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
590	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	6 1/2	6 1/2	6 1/2			5/6/96	WB
	G) Safety Off Force	3	3	3			5/6/96	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.023	.023	.023			5/6/96	WB
	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	2.77	2.75	2.61	2.66	7/16/96	WB
	C) Function							
660	Pack							

Remington®



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

MODEL 700™ M24

SERIAL NO.

C6349213

ORDER NO.

5716

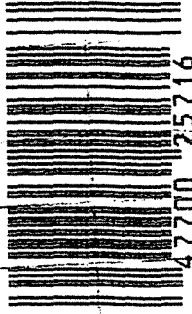
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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5716 C6349213

UPC



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CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349213

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 31	90	RW
600	Proof	3 31	90	RW
607	Check Headspace	3 31	90	RW
610	Dis-assemble Gun	3 31	90	RW
612	Magnaflux Barrel Action	4-2-90		KCR
	Magnaflux Bolt	4-2-90		KCR
615	Rollmark Caliber	4-2-90		LS
617	Drill and Tap Sight Holes		4/4/90	FB
618	Polish Barrel RB		4/5/90	WB
620	Apply Coatings (Barrel Action)		4-9-90	JA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		4/18/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/18/90	RW
	C) Inspect Ejector Hole for Chamfer		4/18/90	RW
	D) Oil Firing Pin Ass'y		4/18/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/1/90	SH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4		4		4	5/2/90	JH
	G) Safety Off Force	3		3		3	5/2/90	JH
	H) Trigger Pull Test & Retainability						5/1/90	JH
	I) Firing Pin Indent	.022		.0215		.022	5/2/90	JH
	J) Assemble Stock						5/2/90	RW
	K) Assemble Swivel Studs						5/8/90	WB
	L) Attach Front and Rear Sight Assemblies						5/2/90	RW
	M) Iron Sight Alignment						5/2/90	RW
	N) Detach Front & Rear Sights & place in numbered container						5/2/90	RW
	O) Attach Scope to Rifle						5/3/90	JH
	P) Detach & Attach Scope 20 Times						5/3/90	JH
640	Gallery Target & Test						5-3-90	DH
	A) Time						5-3-90	DH
	B) Malfunctions						5-3-90	DH
	C) Pierced Primers						5-3-90	DH
	D) Optical Clarity of Scope						5-3-90	DH
645	Inspect for Live Ammo						5-3-90	DH
655	Final Inspection						5/8/90	WB
	A) Headspace							
	B) Trigger Pull	2.34	2.36	2.39	2.36	2.36	5/7/90	WB
	C) Function						5/8/90	WB
660	Pack						6-20-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. 06349213

DATE 5/1/90

TESTER JW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.50	2.39	2.34	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.43	2.39	2.38	2.36	
PULL #3	2.37	2.52	2.29	2.39	
PULL #4	2.46	2.52	2.46	2.36	
PULL #5	2.40	2.43	2.45	2.36	
TOTAL	12.06	12.36	11.97		
AVG.	2.412	2.472	2.394		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.50	3.22		
PULL #2	3.46	3.23		
PULL #3	3.22	3.45		
PULL #4	3.14	3.28		
PULL #5	3.26	3.33		
TOTAL	16.58	16.51		
AVG.	3.316	3.302		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.42		4.20
PULL #2	4.18	4.38		4.16
PULL #3	4.31	4.37		4.27
PULL #4	4.18	4.40		4.18
PULL #5	4.24	4.25		4.51
TOTAL	21.18	21.82		21.24
AVG.	4.236	4.364		4.248

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349213
4 May 1990

CENTROIDAL DISTANCES

0 TO	1	.312349
1 TO	2	.238562
1 TO	3	.317473
1 TO	4	.40966
1 TO	5	.353115

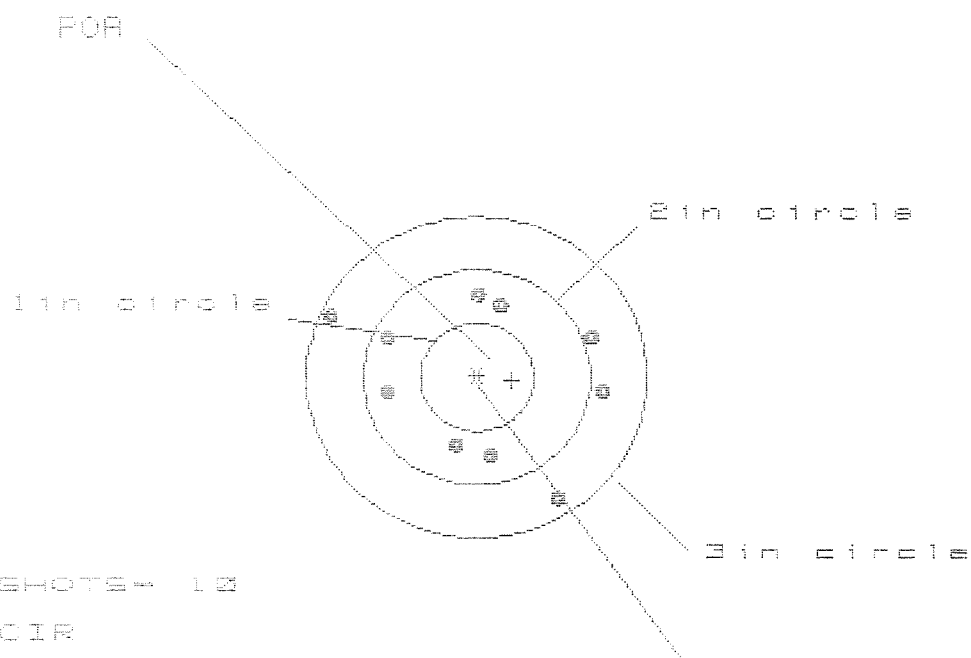
#1+ (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.422
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1708
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .455254
THE AMP FOR THIS RIFLE IS: .9422

4 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349213

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 0

2in = 6

3in = 10

HS= 2.361

VS= 1.844

GS= 2.601

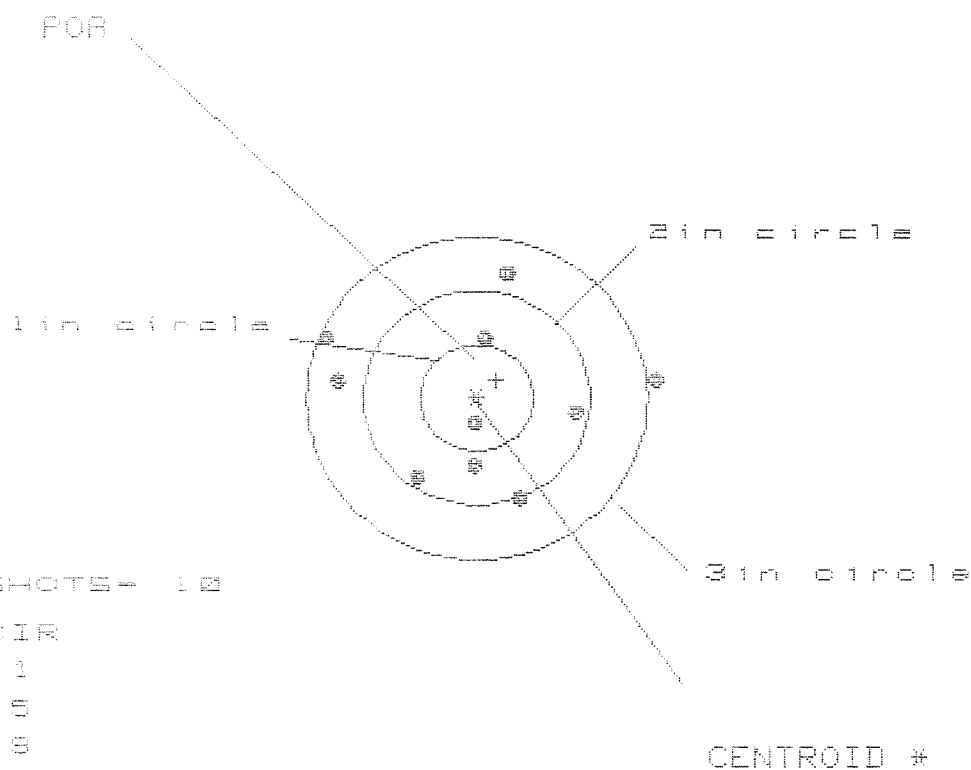
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.080	.938	1.004
MINIMUM X	:	-1.281	-.918	-.852
MAXIMUM Y	:	.733	.800	.669
MINIMUM Y	:	-1.111	-1.044	-.796
CENTROID X	:	-.311	-.169	-.235
CENTROID Y	:	.029	-.038	.093
FOR TO CENTROID in.	:	.312	.173	.253
MIN RADIUS	:	.616	.610	.609
MEAN RADIUS	:	.923	.864	.812
MAX RADIUS	:	1.415	1.172	1.018
HORIZONTAL SPREAD	:	2.361	1.856	1.856
VERTICAL SPREAD	:	1.844	1.844	1.466
EXTREME SPREAD	:	2.601	2.040	1.896
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

9 May 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C6349213

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HEP = 2.924

VS = 2.174

GS = 2.843

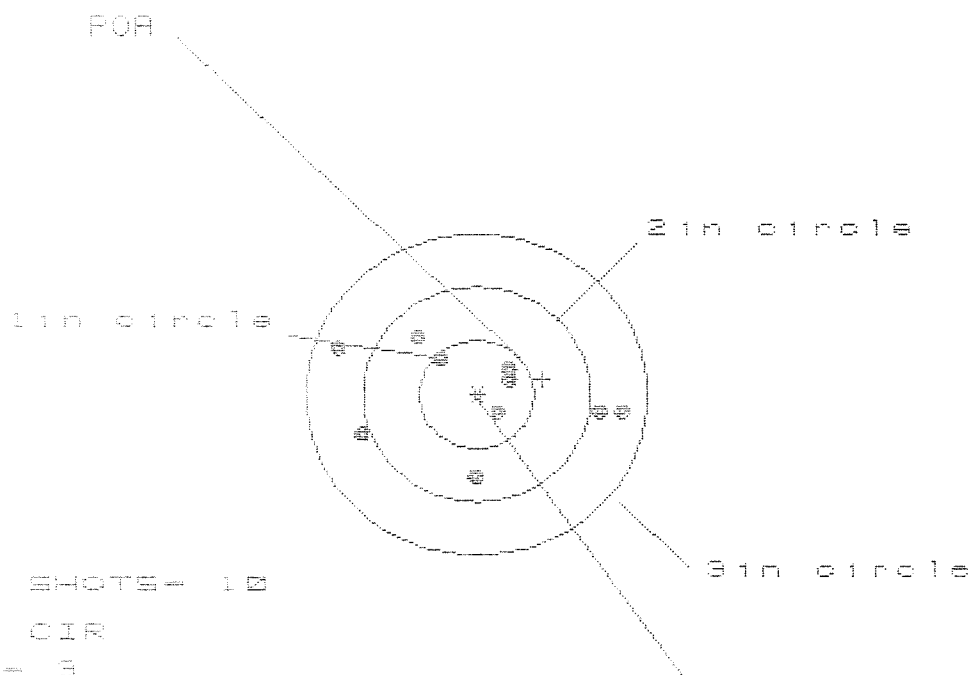
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.600	1.071	.927
MINIMUM X	:	-1.324	-1.146	-1.193
MAXIMUM Y	:	1.195	1.218	1.288
MINIMUM Y	:	-.979	-.956	-.885
CENTROID X	:	-.175	-.353	-.209
CENTROID Y	:	-.167	-.190	-.260
POF TO CENTROID in.	:	.242	.401	.334
MIN RADIUS	:	.218	.213	.119
MEAN RADIUS	:	.989	.910	.836
MAX RADIUS	:	1.613	1.381	1.326
HORIZONTAL SPREAD	:	2.924	2.217	2.120
VERTICAL SPREAD	:	2.174	2.174	2.174
EXTREME SPREAD	:	2.943	2.314	2.175
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

4 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349213

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 10

ME = 2.508

VS = 1.230

GS = 2.567

CENTROID #

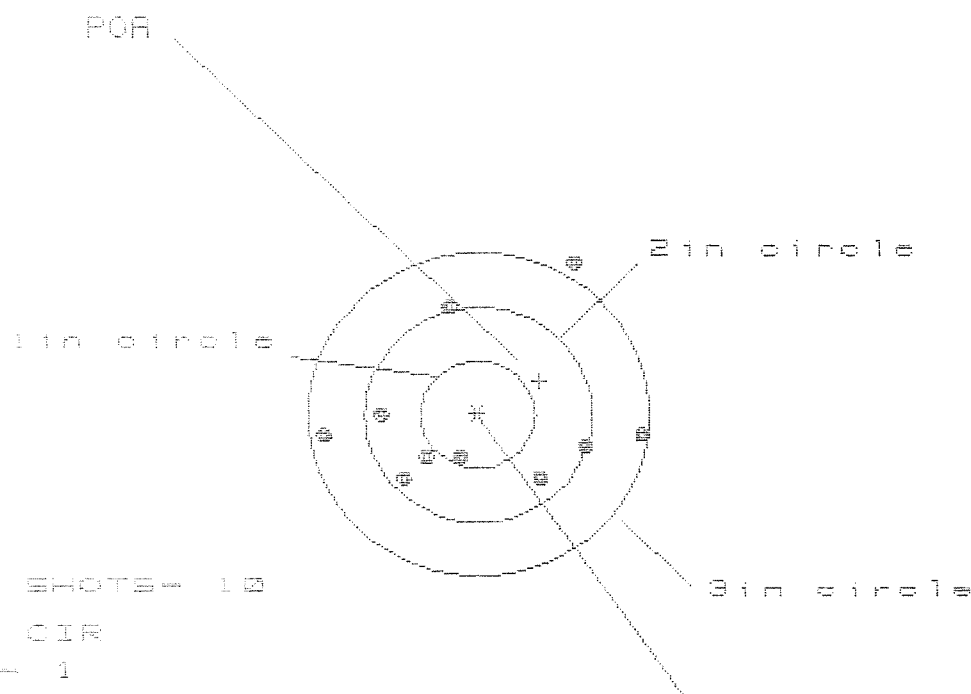
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.319	1.225	1.095
MINIMUM X	:	-1.189	-1.042	-1.043
MAXIMUM Y	:	.488	.474	.525
MINIMUM Y	:	-.742	-.756	-.705
CENTROID X	:	-.581	-.728	-.598
CENTROID Y	:	-.138	-.124	-.175
POR TO CENTROID in.	:	.597	.738	.623
MIN RADIUS	:	.249	.369	.234
MEAN RADIUS	:	.761	.705	.632
MAX RADIUS	:	1.325	1.242	1.106
HORIZONTAL SPREAD	:	2.508	2.267	2.138
VERTICAL SPREAD	:	1.230	1.230	1.230
EXTREME SPREAD	:	2.567	2.350	2.143
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

4 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08349213

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HE= 2.769

VS= 2.011

QS= 2.769

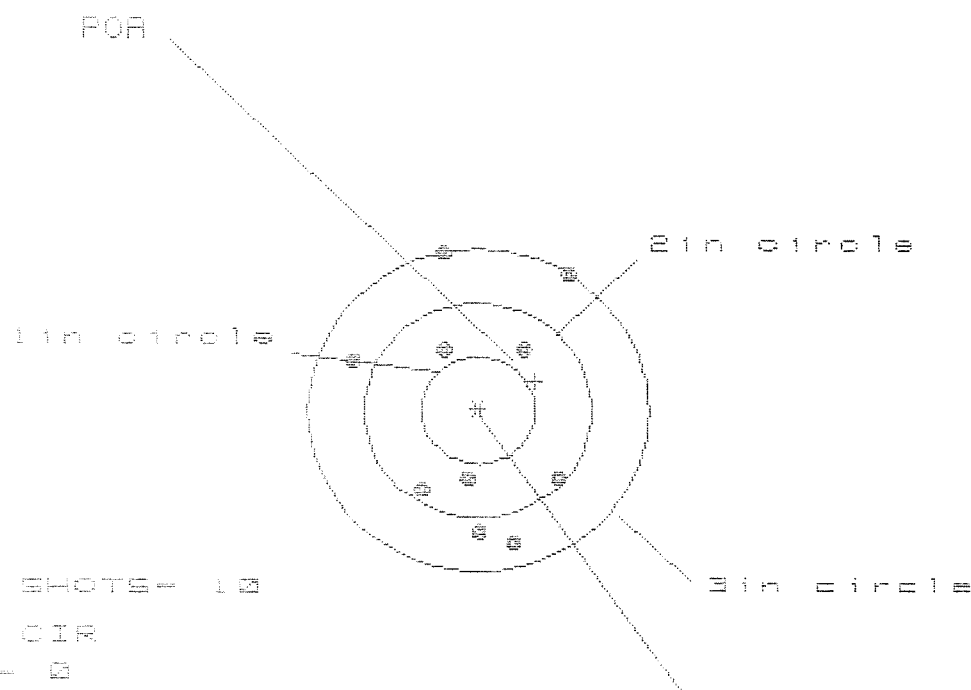
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.418	1.515	1.205
MINIMUM X	:	-1.351	-1.254	-1.064
MAXIMUM Y	:	1.443	1.184	1.179
MINIMUM Y	:	-.568	-.408	-.413
CENTROID X	:	-.541	-.638	-.828
CENTROID Y	:	-.310	-.470	-.465
POR TO CENTROID in.	:	.624	.793	.950
MIN RADIUS	:	.407	.221	.239
MEAN RADIUS	:	.995	.867	.750
MAX RADIUS	:	1.686	1.516	1.209
HORIZONTAL SPREAD	:	2.769	2.769	2.269
VERTICAL SPREAD	:	2.011	1.592	1.592
EXTREME SPREAD	:	2.769	2.769	2.270
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 5

3 in = 8

PS= 1.962

VS= 2.759

GS= 2.812

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.847	.817	.759
MINIMUM X	:	-1.115	-1.145	-1.043
MAXIMUM Y	:	1.514	1.417	.932
MINIMUM Y	:	-1.245	-1.077	-.900
CENTROID X	:	-.502	-.472	-.574
CENTROID Y	:	-.268	-.436	-.613
POA TO CENTROID in.	:	.569	.642	.839
MIN RADIUS	:	.661	.506	.320
MEAN RADIUS	:	1.043	.963	.836
MAX RADIUS	:	1.539	1.635	1.298
HORIZONTAL SPREAD	:	1.962	1.962	1.802
VERTICAL SPREAD	:	2.759	2.494	1.832
EXTREME SPREAD	:	2.812	2.561	2.169
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	