

C6587719

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 94-18847

INITIAL CUSTOMER ORDER NO.
JJM DAAA09-92-C-0834
DATE RECEIVED DATE OPENED DATE CODE
06/14/94 06/15/94
ACCESSORIES HARD CASE SCOPE MNTS SCOPE BASE SLING STRAP

W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT
ATTN FRED MARTIN
Scope S/N 90-0529
SERIAL NUMBER NEW SERIAL NUMBER MODEL AND GRADE
C6587719 700 7.62 NATO

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.B.D.L

ACCOUNT NUMBER ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

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 Assy

✓ Front & Rear Sight Assy

✓ Component Carrying Case Assy 96069

✓ Scope Case 96081

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

8/8/96

8/8/96

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400025849

SWS TRIGGER PULL TEST

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

SERIAL NO. 66587719
DATE 7-22-96
TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.58	2.53		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.58	2.33	2.71		
PULL #3	2.47	2.28	2.72		
PULL #4	2.45	2.12	2.72		
PULL #5	2.44	2.34	2.59		
TOTAL	12.42	11.65	13.27		
AVG.	2.48	2.33	2.65		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.24	3.00		
PULL #2	3.03	3.06		
PULL #3	3.01	3.01		
PULL #4	3.00	3.05		
PULL #5	3.01	3.15		
TOTAL	15.29	15.27		
AVG.	3.05	3.05		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	4.00		4.15
PULL #2	4.21	4.02		4.14
PULL #3	4.08	4.10		4.19
PULL #4	4.06	4.10		4.28
PULL #5	4.28	4.04		4.17
TOTAL	20.80	20.26		20.93
AVG.	4.16	4.05		4.18

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

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							
	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							
	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	235	239	237	243	247	8/20/90	DA
	C) Function							
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587719
8 Jan 1900

CENTROIDAL DISTANCES

0 TO	1	.419448
1 TO	2	.225737
1 TO	3	.432086
1 TO	4	.552181
1 TO	5	.458917

A_0 <----POA

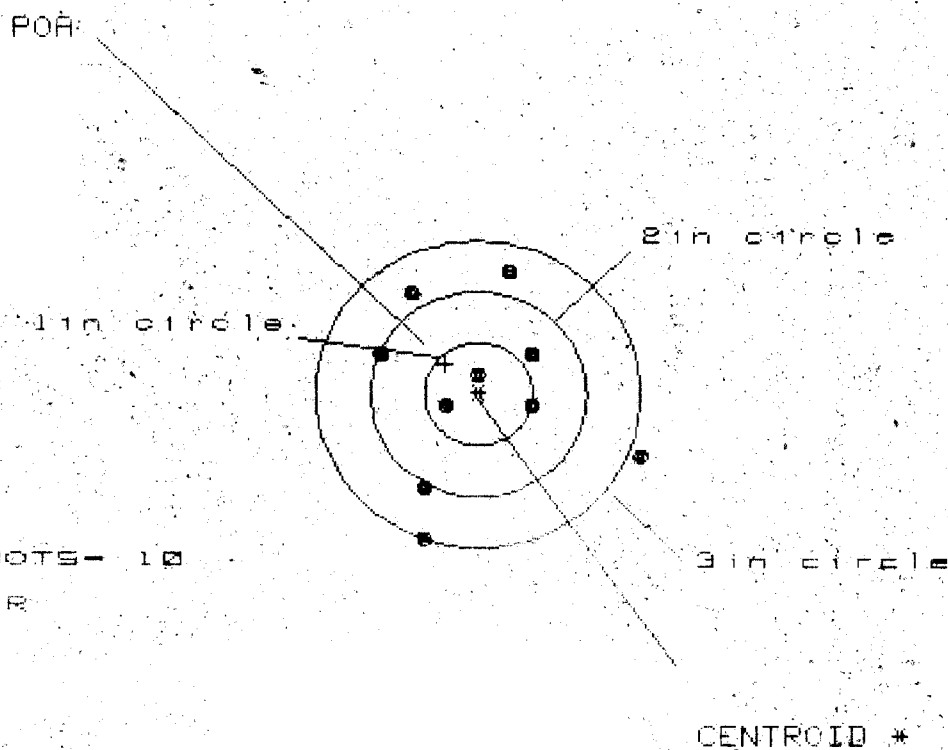
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0368
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1046
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .110885

THE AMR FOR THIS RIFLE IS: .9192

6 Jan 1966

FILE: PATTERNING CENTERFIRE_PATT 06307710

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 5

3 in = 9

HS = 2.418

VS = 2.613

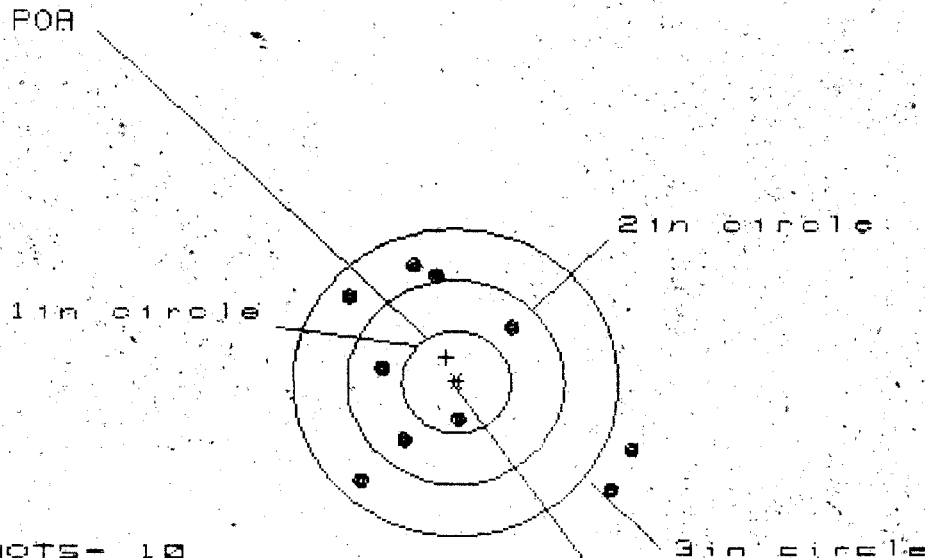
GS = 2.737

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.582	.676	.637
MINIMUM X	:	-.915	-.749	-.788
MAXIMUM Y	:	1.215	1.148	.965
MINIMUM Y	:	-1.398	-1.465	-1.191
CENTROID X	:	.304	.138	.177
CENTROID Y	:	-.289	-.222	-.039
POA TO CENTROID in.	:	.420	.261	.181
MIN RADIUS	:	.195	.198	.127
MEAN RADIUS	:	.922	.831	.734
MAX RADIUS	:	1.620	1.498	1.236
HORIZONTAL SPREAD	:	2.418	1.425	1.425
VERTICAL SPREAD	:	2.613	2.613	2.155
EXTREME SPREAD	:	2.737	2.737	2.297
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			9	

B Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6587713

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 8

HS= 2.616

VS= 2.118

GS= 3.060

CENTROID *

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.611	1.770	.870
MINIMUM X	:	-1.005	-.846	-.625
MAXIMUM Y	:	1.094	.981	.879
MINIMUM Y	:	-1.024	-1.107	-1.209
CENTROID X	:	.083	-.076	-.297
CENTROID Y	:	-.243	-.130	-.029
POA TO CENTROID in.	:	.257	.150	.298
MIN RADIUS	:	.355	.502	.311
MEAN RADIUS	:	1.088	.986	.834
MAX RADIUS	:	1.759	1.946	1.297
HORIZONTAL SPREAD	:	2.616	2.616	1.495
VERTICAL SPREAD	:	2.118	2.088	2.088
EXTREME SPREAD	:	3.060	3.028	2.165
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			8	

8 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6587713

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in = 4

2in = 9

3in = 10

HS = 1.398

VS = 2.050

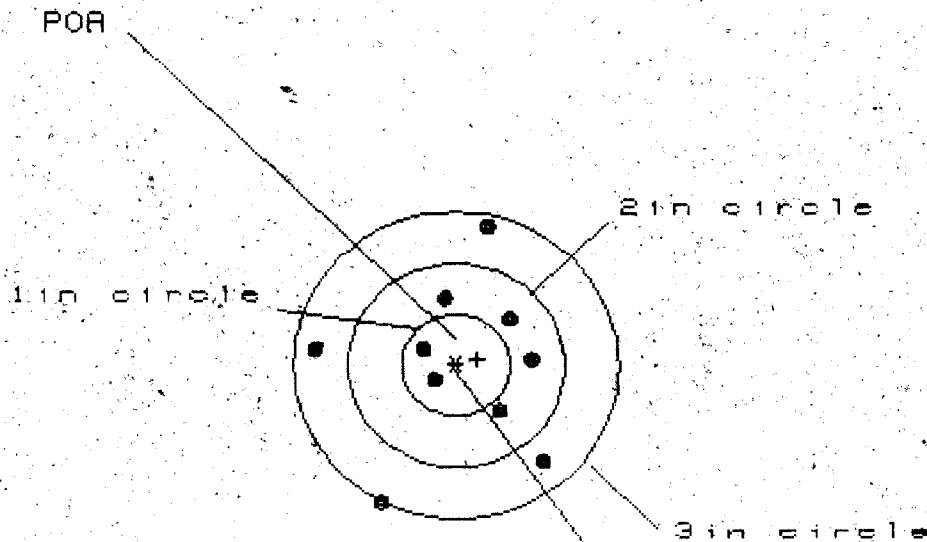
GS = 2.101

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.724	.540	.583
MINIMUM X	-.674	-.593	-.526
MAXIMUM Y	.872	.741	.711
MINIMUM Y	-1.178	-.861	-.768
CENTROID X	.017	-.064	-.131
CENTROID Y	.034	.165	.072
POA TO CENTROID in.	.038	.177	.150
MIN RADIUS	.291	.271	.190
MEAN RADIUS	.683	.591	.535
MAX RADIUS	1.383	.923	.813
HORIZONTAL SPREAD	1.398	1.133	1.109
VERTICAL SPREAD	2.050	1.602	1.479
EXTREME SPREAD	2.101	1.824	1.569
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	9		
NUMBER IN THREE INCH CIRCLE =	10		

8 Jan 1988

FILE: PATTERNING/CENTERFIRE_PATT/C6587719

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 2.118

VS= 2.709

GS= 2.901

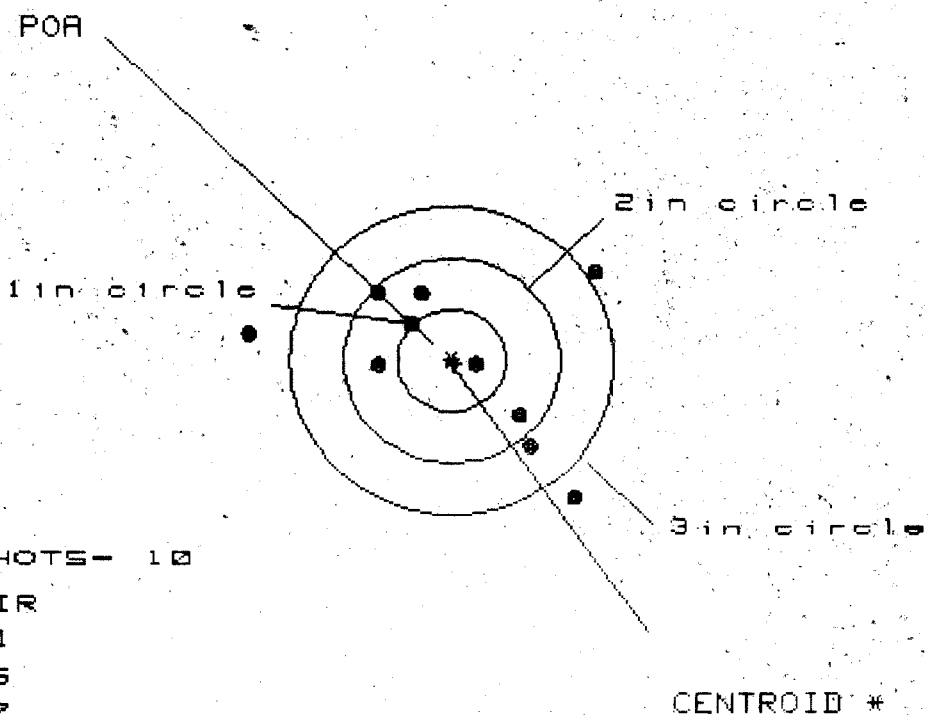
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.780	.701	.732
MINIMUM X	-1.338	-1.417	-1.386
MAXIMUM Y	1.377	1.229	.698
MINIMUM Y	-1.332	-1.079	-.926
CENTROID X	-.198	-.119	-.150
CENTROID Y	-.059	.089	-.064
POA TO CENTROID in.	.206	.149	.163
MIN RADIUS	.290	.416	.325
MEAN RADIUS	.885	.807	.740
MAX RADIUS	1.509	1.417	1.393
HORIZONTAL SPREAD	2.118	2.118	2.118
VERTICAL SPREAD	2.709	2.308	1.624
EXTREME SPREAD	2.901	2.373	2.373
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

8 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6587713

CENTERFIRE PATTERNS # 5



* OF SHOTS- 10

IN CIR

1 in - 1

2 in - 6

3 in = 7

HS- 3.212

VS= 2.244

GS= 3.407

PATTERN #	:	C		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.325	1.115	1.226
MINIMUM X	:	-1.887	-.906	-.795
MAXIMUM Y	:	.883	.915	.749
MINIMUM Y	:	-1.361	-1.329	-.961
CENTROID X	:	-.022	.188	.077
CENTROID Y	:	.034	.002	.168
POA TO CENTROID in.	:	.041	.188	.185
MIN RADIUS	:	.231	.049	.244
MEAN RADIUS	:	1.018	.910	.815
MAX RADIUS	:	1.910	1.594	1.436
HORIZONTAL SPREAD	:	3.212	2.021	2.021
VERTICAL SPREAD	:	2.244	2.244	1.710
EXTREME SPREAD	:	3.407	2.696	2.169
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	




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

MODEL 700™ H24

SERIAL NO.
C6587719

ORDER NO.
5716

20

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

UPC



0 47700 25716 7



5716 C6587719

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587719

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1019	90	RW
600	Proof	1019	90	RW
607	Check Headspace	1019	90	RW
610	Dis-assemble Gun	1019	90	RW
612	Magnaflux Barrel Action		10/23/90	KR
	Magnaflux Bolt		10/23/90	KR
615	Rollmark Caliber		10/24/90	JS.
617	Drill and Tap Sight Holes		10/26/90	LB
618	Polish Barrel <i>LB</i>		10/29/90	LB
620	Apply Coatings (Barrel Action)		11-1-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/90	RW
	C) Inspect Ejector Hole for Chamfer		11/12/90	RW
	D) Oil Firing Pin Ass'y		11/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/29/90	TH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3.50	3.75	3.50			11-29-90	127
	G) Safety Off Force	2.50	2.50	2.50			11-29-90	K7
	H) Trigger Pull Test & Retainability						11-29-90	SL
	I) Firing Pin Indent	.022	.022	.022			11-29-90	A7
	J) Assemble Stock						12/6/90	RW
	K) Assemble Swivel Studs-						12-7-90	JS
	L) Attach Front and Rear Sight Assemblies						12/6/90	RW
	M) Iron Sight Alignment						12/6/90	RW
	N) Detach Front & Rear Sights & place in numbered container						12/6/90	RW
	O) Attach Scope to Rifle						12/6/90	RW
	P) Detach & Attach Scope 20 Times						12/6/90	RW
640	Gallery Target & Test						12/6/90	15
	A) Time						"	15
	B) Malfunctions						"	15
	C) Pierced Primers						"	15
	D) Optical Clarity of Scope						"	15
645	Inspect for Live Ammo						12/6/90	15
655	Final Inspection							
	A) Headspace						12-7-90	JS
	B) Trigger Pull	269	282	288	296	298	12-7-90	JS
	C) Function						12-7-90	JS
660	Pack.						12-18-90	D/H

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6587719

DATE 11-29-90

TESTER JEP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & RESET 2.50#	COMMENTS
PULL #1	2.37	2.23	2.69 - 2.25	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.25	2.35	2.82 - 2.26	
PULL #3	2.45	2.48	2.88 - 2.34	
PULL #4	2.36	2.13	2.46 - 2.19	
PULL #5	2.14	2.45	2.90 - 2.40	
TOTAL				
AVG.				

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.25	3.40	
PULL #2	3.39	3.40	
PULL #3	3.27	3.50	
PULL #4	3.33	3.44	
PULL #5	3.36	3.32	
TOTAL			
AVG.			

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.14	4.46		4.46
PULL #2	4.03	4.34		4.47
PULL #3	4.46	4.40		4.36
PULL #4	4.40	4.23		4.39
PULL #5	4.33	4.43		4.45
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587719
7 Dec 1990

CENTROIDAL DISTANCES

0 TO 1	.296346
1 TO 2	.404349
1 TO 3	.185149
1 TO 4	.188862
1 TO 5	.574356

$\frac{1}{5}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .104
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0246
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .10687
THE AMR FOR THIS RIFLE IS: 1.078

6 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587719

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 0

2in = 4

3in = 8

HS= 2.188

VS= 3.674

GS= 3.699

CENTROID *

PATTERN #

1

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.122

1.163

1.268

MINIMUM X

-1.066

-1.025

-.920

MAXIMUM Y

1.960

1.509

1.322

MINIMUM Y

-1.714

-1.496

-1.728

CENTROID X

.214

.173

.068

CENTROID Y

.205

-.013

.174

POA TO CENTROID in.

.296

.173

.187

MIN RADIUS

.534

.314

.511

MEAN RADIUS

1.188

1.062

.972

MAX RADIUS

1.994

1.715

1.362

HORIZONTAL SPREAD

2.188

2.188

2.188

VERTICAL SPREAD

3.674

3.005

2.050

EXTREME SPREAD

3.699

3.253

2.512

NUMBER IN ONE INCH CIRCLE =

0

NUMBER IN TWO INCH CIRCLE =

4

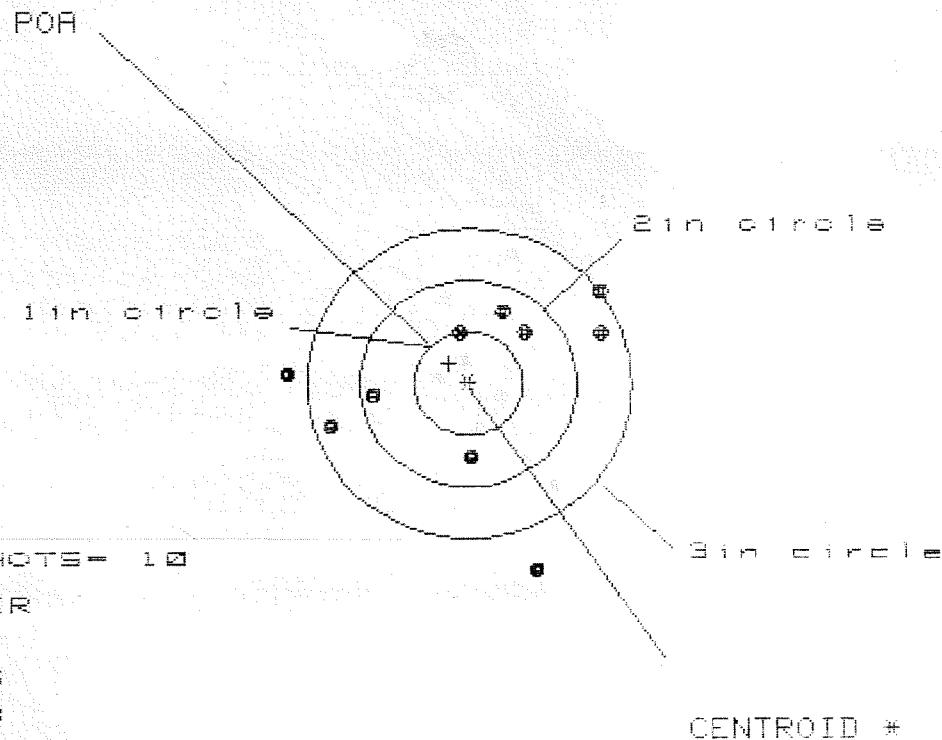
NUMBER IN THREE INCH CIRCLE =

8

6 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587719

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS = 2.909

VS = 2.747

GS = 3.015

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.203	1.272	1.067
MINIMUM X	:	-1.706	-1.637	-1.423
MAXIMUM Y	:	.911	.787	.692
MINIMUM Y	:	-1.836	-.924	-.939
CENTROID X	:	.181	.112	.317
CENTROID Y	:	-.198	.006	.021
POA TO CENTROID in.	:	.268	.113	.318
MIN RADIUS	:	.461	.258	.295
MEAN RADIUS	:	1.139	1.017	.908
MAX RADIUS	:	1.938	1.642	1.558
HORIZONTAL SPREAD	:	2.909	2.909	2.490
VERTICAL SPREAD	:	2.747	1.631	1.631
EXTREME SPREAD	:	3.015	2.995	2.793
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

6 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587719

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.892

VS= 1.867

GS= 1.968

PATTERN #

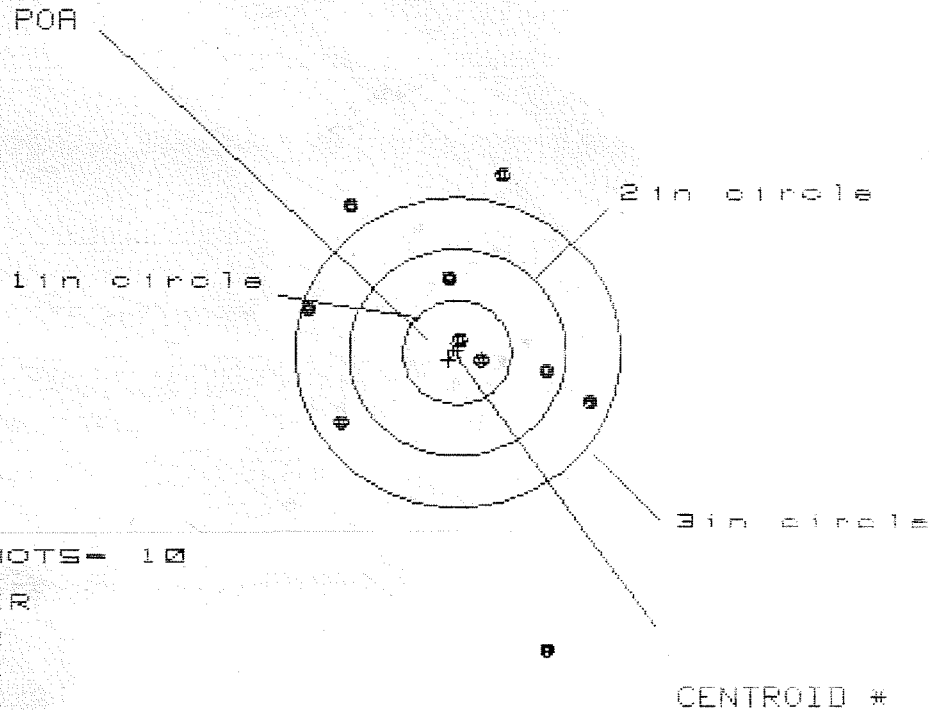
3

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.638	.499	.532
MINIMUM X	:	-1.254	-.498	-.465
MAXIMUM Y	:	.974	1.042	.783
MINIMUM Y	:	-.894	-.825	-.694
CENTROID X	:	.048	.187	.154
CENTROID Y	:	.123	.054	-.077
POA TO CENTROID in.	:	.131	.195	.172
MIN RADIUS	:	.297	.367	.312
MEAN RADIUS	:	.705	.608	.528
MAX RADIUS	:	1.399	1.075	.838
HORIZONTAL SPREAD	:	1.892	.997	.997
VERTICAL SPREAD	:	1.867	1.867	1.477
EXTREME SPREAD	:	1.968	1.911	1.488
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

6 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587719

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in = 2

2in = 4

3in = 7

HS = 2.604

VS = 4.568

GS = 4.705

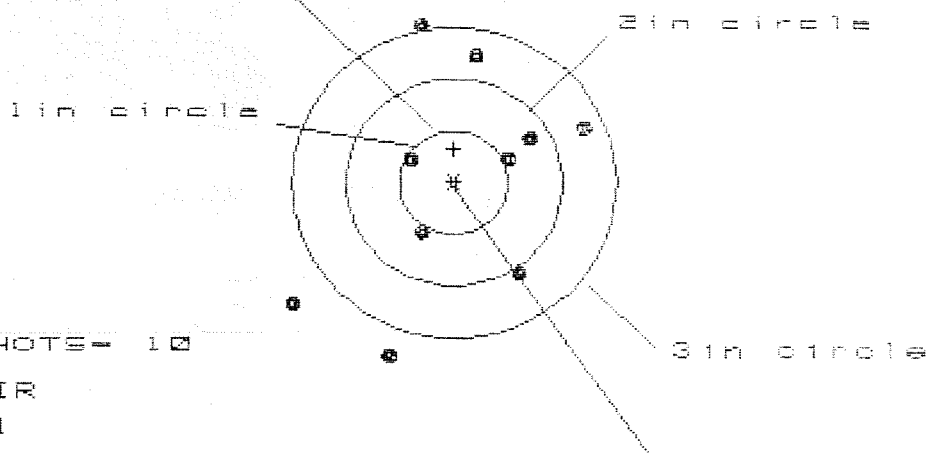
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.206	1.299	1.185
MINIMUM X	:	-1.398	-1.305	-1.419
MAXIMUM Y	:	1.693	1.374	1.515
MINIMUM Y	:	-2.875	-1.034	-1.893
CENTROID X	:	.077	-.016	.098
CENTROID Y	:	.075	.394	.253
POA TO CENTROID in.	:	.108	.395	.271
MIN RADIUS	:	.133	.214	.047
MEAN RADIUS	:	1.244	1.037	.944
MAX RADIUS	:	2.996	1.548	1.570
HORIZONTAL SPREAD	:	2.604	2.604	2.604
VERTICAL SPREAD	:	4.568	2.408	2.408
EXTREME SPREAD	:	4.705	2.964	2.821
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

6 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08587719

CENTERFIRE PATTERNS # 5

POA



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS = 2.638

VS = 3.200

GS = 3.217

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.168	1.004	.907
MINIMUM X	-1.470	-.781	-.619
MAXIMUM Y	1.491	1.365	1.136
MINIMUM Y	-1.709	-1.835	-1.267
CENTROID X	.000	.164	.261
CENTROID Y	-.328	-.202	.027
POA TO CENTROID in.	.328	.260	.263
MIN RADIUS	.437	.304	.238
MEAN RADIUS	1.112	.995	.834
MAX RADIUS	1.857	1.994	1.306
HORIZONTAL SPREAD	2.638	1.785	1.526
VERTICAL SPREAD	3.200	3.200	2.403
EXTREME SPREAD	3.217	3.217	2.554
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	