

C6348925

MODEL 700TM N24

Model **S&S** TM

Action

Barrel Length

Capacity

Order No. **5716**

* Includes 1 in chamber.

Remington

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 94-18193

INITIAL
FDC CUSTOMER ORDER NO.
DAAA09-92-C-0834W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN

S/N 90 0558

DATE RECEIVED 06/10/94	DATE OPENED 06/10/94	DATE CODE	SERIAL NUMBER C6348925	NEW SERIAL NUMBER	MODEL AND GRADE 700 7-62	NATO
ACCESSORIES SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE L/SIGHTS						

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

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

Barrel
Stock
Trigger Assy
Filing P/N Assy
Front & 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

M2400041791

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348925

DATE 4-11-96

TESTER WA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.62	2.60	2.60	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.63	2.66	
PULL #3	2.52	2.63	2.58	
PULL #4	2.61	2.63	2.60	
PULL #5	2.54	2.49	2.61	
TOTAL	12.63	12.98		
AVG.	2.52	2.59		

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.28	3.29	
PULL #2	3.24	3.30	
PULL #3	3.25	3.32	
PULL #4	3.33	3.27	
PULL #5	3.15	3.19	
TOTAL	16.25	16.37	
AVG.	3.25	3.27	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.15		4.22
PULL #2	4.23	4.05		4.22
PULL #3	4.01	4.15		4.19
PULL #4	4.23	4.14		4.13
PULL #5	4.18	4.17		4.25
TOTAL	20.83	20.66		21.01
AVG.	4.16	4.13		4.20

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348925
11 Feb 1900

CENTROIDAL DISTANCES

0 TO 1 .360014
1 TO 2 .199812
1 TO 3 .271671
1 TO 4 .403417
1 TO 5 .0742496

$\frac{4}{10}$ <----POA

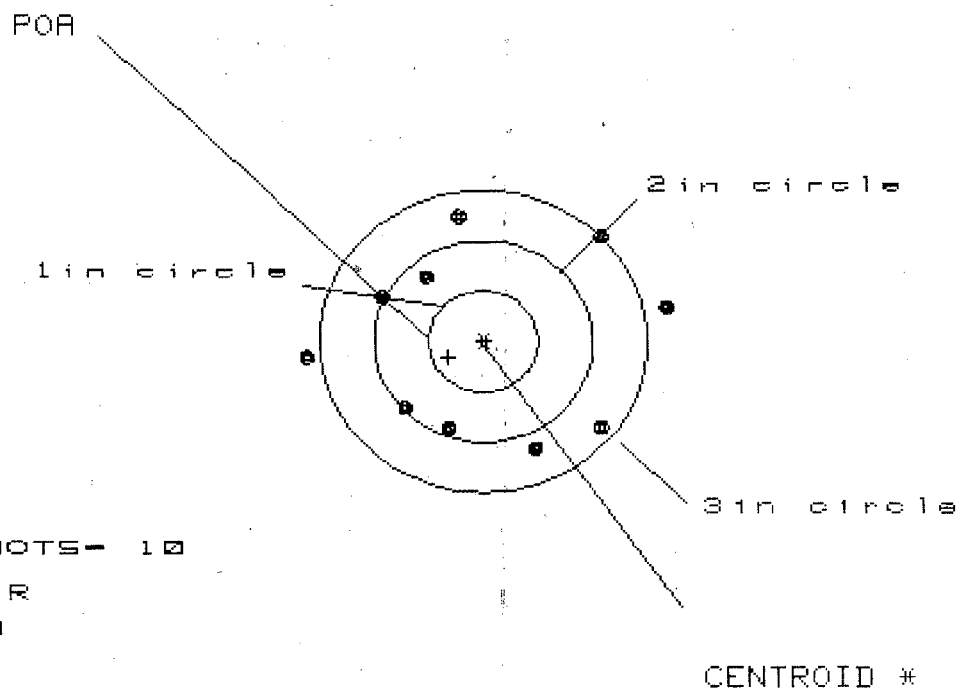
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .35
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2464
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .428034

THE AMR FOR THIS RIFLE IS: 1.105

11 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6348925

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 0

2in - 3

3in = 8

HS- 3.246

VS= 2.294

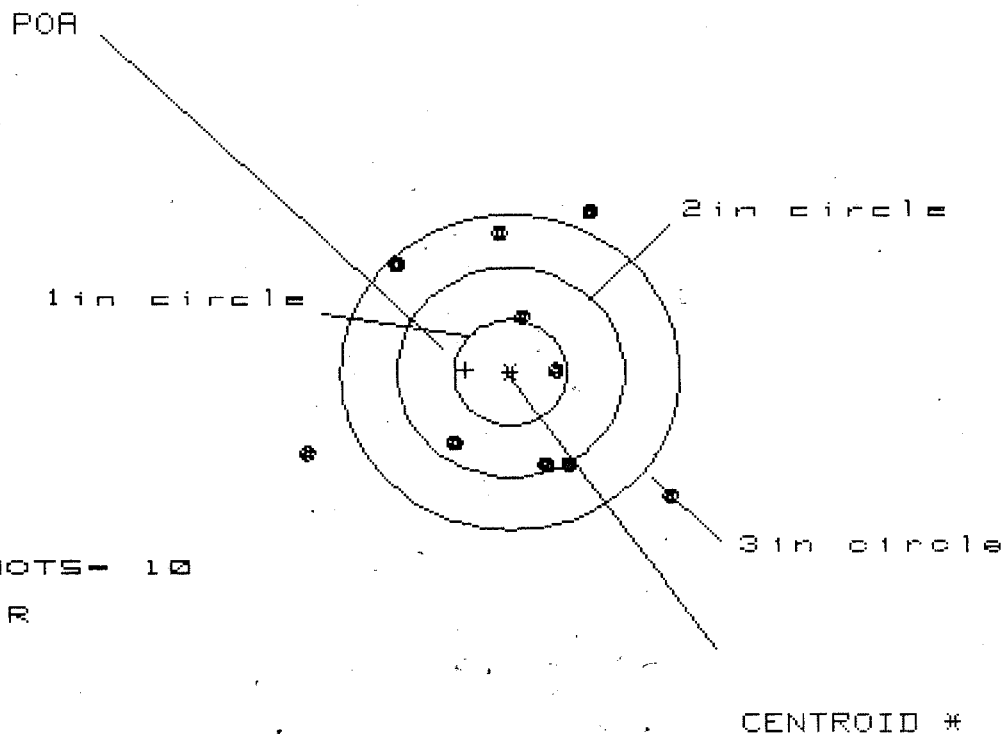
GS= 3.286

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.639	1.295	1.117
MINIMUM X	:	-1.607	-1.425	-.950
MAXIMUM Y	:	1.231	1.271	1.256
MINIMUM Y	:	-1.063	-1.023	-1.038
CENTROID X	:	.323	.141	.319
CENTROID Y	:	.159	.119	.134
POA TO CENTROID in.	:	.360	.184	.346
MIN RADIUS	:	.805	.733	.821
MEAN RADIUS	:	1.236	1.156	1.133
MAX RADIUS	:	1.677	1.653	1.509
HORIZONTAL SPREAD	:	3.246	2.720	2.067
VERTICAL SPREAD	:	2.294	2.294	2.294
EXTREME SPREAD	:	3.286	2.947	2.509
NUMBER IN ONE INCH CIRCLE	=	0	0	0
NUMBER IN TWO INCH CIRCLE	=	3	3	3
NUMBER IN THREE INCH CIRCLE	=	8	8	8

11 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06348925

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 7

HS= 3.230

VS= 2.692

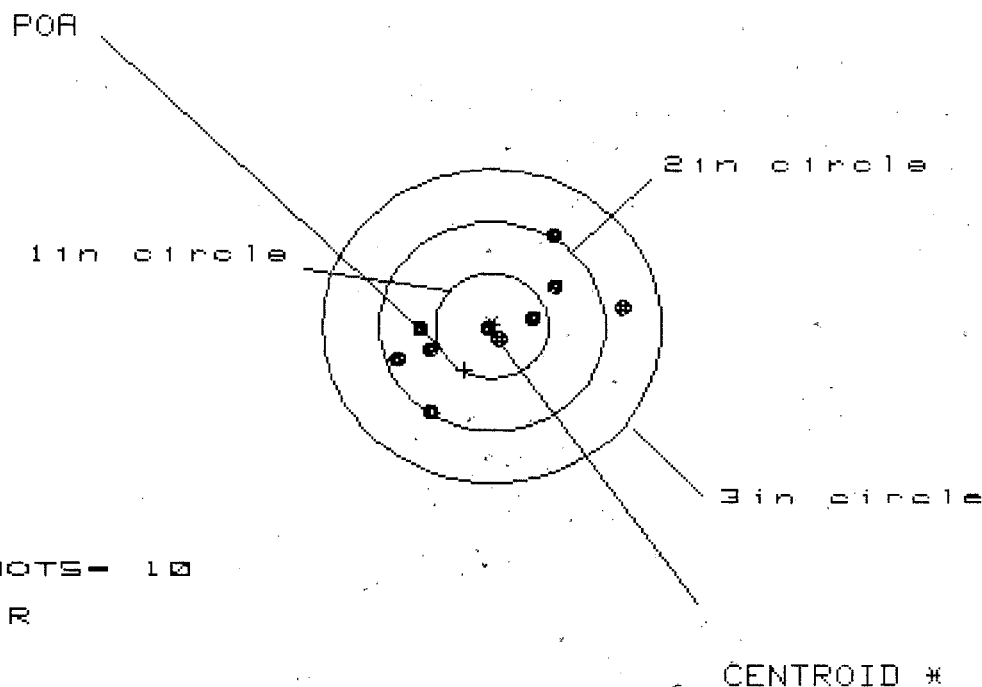
GS= 3.384

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.402	1.199	.656
MINIMUM X	:	-1.828	-1.213	-1.063
MAXIMUM Y	:	1.505	1.424	1.265
MINIMUM Y	:	-1.187	-1.268	-1.161
CENTROID X	:	.396	.599	.449
CENTROID Y	:	-.027	.054	.213
POA TO CENTROID in.	:	.397	.601	.497
MIN RADIUS	:	.402	.192	.310
MEAN RADIUS	:	1.195	1.080	.992
MAX RADIUS	:	1.970	1.746	1.425
HORIZONTAL SPREAD	:	3.230	2.412	1.719
VERTICAL SPREAD	:	2.692	2.692	2.426
EXTREME SPREAD	:	3.384	3.244	2.528
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

11 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C634B925

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in - 3

2in - 7

3in = 10

HS- 1.930

VS= 1.771

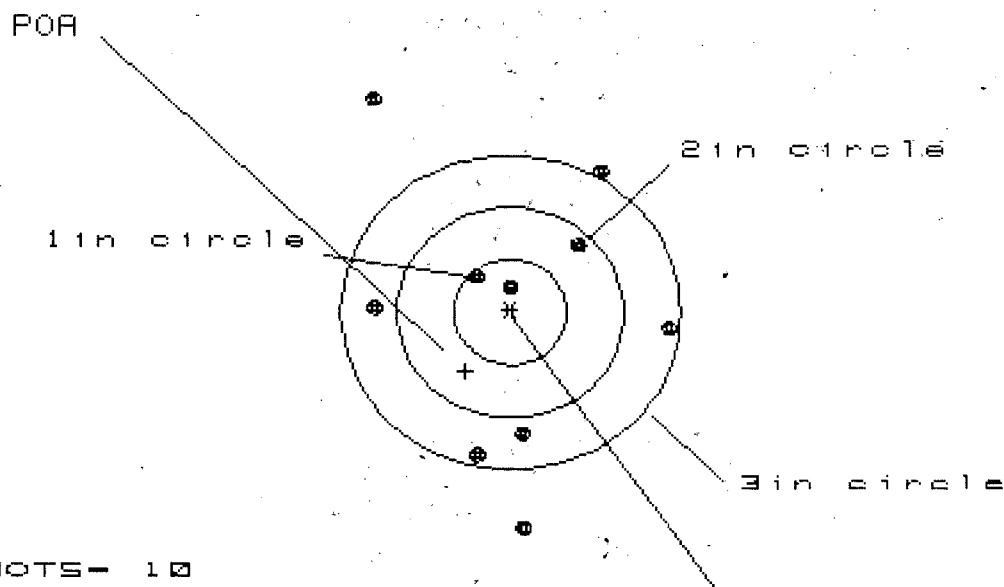
GS= 2.073

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.112	.649	.729
MINIMUM X	:	-.818	-.695	-.615
MAXIMUM Y	:	.927	.944	.506
MINIMUM Y	:	-.844	-.827	-.709
CENTROID X	:	.241	.118	.038
CENTROID Y	:	.418	.401	.283
POA TO CENTROID in.	:	.483	.418	.285
MIN RADIUS	:	.064	.067	.202
MEAN RADIUS	:	.653	.597	.528
MAX RADIUS	:	1.123	1.139	.887
HORIZONTAL SPREAD	:	1.930	1.344	1.344
VERTICAL SPREAD	:	1.771	1.771	1.215
EXTREME SPREAD	:	2.073	2.073	1.632
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		

11 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C634B325

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 3

3in = 7

HS= 2.627

VS= 4.063

GS= 4.270

CENTROID #

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.402	1.270	1.270
MINIMUM X	:	-1.225	-1.357	-1.357
MAXIMUM Y	:	2.014	1.571	1.343
MINIMUM Y	:	-2.049	-1.825	-1.371
CENTROID X	:	.400	.532	.532
CENTROID Y	:	.555	.331	.559
POA TO CENTROID in.	:	.684	.626	.772
MIN RADIUS	:	.249	.482	.264
MEAN RADIUS	:	1.263	1.160	1.030
MAX RADIUS	:	2.336	1.825	1.501
HORIZONTAL SPREAD	:	2.627	2.627	2.627
VERTICAL SPREAD	:	4.063	3.396	2.714
EXTREME SPREAD	:	4.270	3.462	2.931
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	7		

11 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C634B925

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in - 0

2 in - 4

3 in - 8

HS- 3.201

VS- 2.289

GS- 3.207

PATTERN # : 5

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.568	1.387	1.278
MINIMUM X	:	-1.633	-1.126	-.953
MAXIMUM Y	:	1.053	1.012	.984
MINIMUM Y	:	-1.236	-1.277	-1.305
CENTROID X	:	.390	.571	.398
CENTROID Y	:	.127	.168	.196
POA TO CENTROID in.	:	.410	.595	.443
MIN RADIUS	:	.615	.601	.575
MEAN RADIUS	:	1.176	1.110	1.054
MAX RADIUS	:	1.674	1.556	1.457
HORIZONTAL SPREAD	:	3.201	2.513	2.231
VERTICAL SPREAD	:	2.289	2.289	2.289
EXTREME SPREAD	:	3.207	2.755	2.755
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6348925*

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	6	6	6			5/4/96	JW
	G) Safety Off Force	4	4	4			5/4/96	JW
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.0225	.023	.024			5/4/96	JW
	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	2.67	2.65	2.66	2.65	2.63	5/4/96	JW
	C) Function							
660	Pack							

Remington®

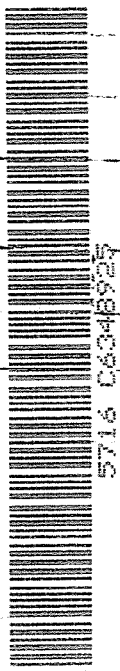
MODEL 700™ H24

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

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

DUPONT
REG. U.S. PAT. & T.M. OFF.

SERIAL NO. 06348925	ORDER NO. 5715
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UPC

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

CG348925

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 14	89	RW
600	Proof	9 -14	89	RW
607	Check Headspace	9: 14	89	RW
610	Dis-assemble Gun	9 14		RW
612	Magnaflux Barrel Action	9-14-89		KCR
	Magnaflux Bolt	9-14-89		KCR
615	Rollmark Caliber		9-15-89	GS.
7	Drill and Tap Sight Holes	9 15	89	Sc
618	Polish Barrel	9 15	89	BT
620	Apply Coatings (Barrel Action)		9-25-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/26/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/26/89	RW
	C) Inspect Ejector Hole for Chamfer		9/26/89	RW
	D) Oil Firing Pin Ass'y		9/26/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/05/89	GS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			10/11/89	94
	G) Safety Off Force	3	3	3			10/11/89	94
	H) Trigger Pull Test & Retainability						10 Oct 89	928
	I) Firing Pin Indent	.022	.0215	.021			10/11/89	94
	J) Assemble Stock						10/11/89	RW
	K) Assemble Swivel Studs						12 Oct 89	928
	L) Attach Front and Rear Sight Assemblies						10/11/89	RW
	M) Iron Sight Alignment						11/1/89	RW
	N) Detach Front & Rear Sights & place in numbered container						10/11/89	RW
	O) Attach Scope to Rifle						10/11/89	94
	P) Detach & Attach Scope 20 Times						10/11/89	94
640	Gallery Target & Test						10-11-89	DH
	A) Time						10-11-89	DH
	B) Malfunctions						10-11-89	DH
	C) Pierced Primers						10-11-89	DH
	D) Optical Clarity of Scope						10-11-89	DH
645	Inspect for Live Ammo						10-11-89	DH
655	Final Inspection							
	A) Headspace						12 Oct 89	928
	B) Trigger Pull	263	278	270	262	274	12 Oct 89	928
	C) Function						12 Oct 89	928
660	Pack						15 Dec 89	928

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348925

DATE 3-10-98

TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.44	2.44	2.45	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.44	2.33	
PULL #3	2.42	2.47	2.28	
PULL #4	2.51	2.48	2.41	
PULL #5	2.52	2.48	2.38	
TOTAL	12.34	12.31	11.85	
AVG.	2.468	2.462	2.37	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.61	3.42	
PULL #2	3.31	3.41	
PULL #3	3.33	3.43	
PULL #4	3.33	3.23	
PULL #5	3.42	3.43	
TOTAL	17.00	16.92	
AVG.	3.4	3.384	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.52	4.34		4.42
PULL #2	4.14	4.43		4.44
PULL #3	4.41	4.44		4.37
PULL #4	4.45	4.46		4.43
PULL #5	4.46	4.10		4.48
TOTAL	21.98	21.79		22.14
AVG.	4.396	4.358		4.428

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348925
11 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.204201
1 TO	2	.290496
1 TO	3	.253653
1 TO	4	.194095
1 TO	5	.294364

313 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0886
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1132
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .14375
THE AMR FOR THIS RIFLE IS: .9906

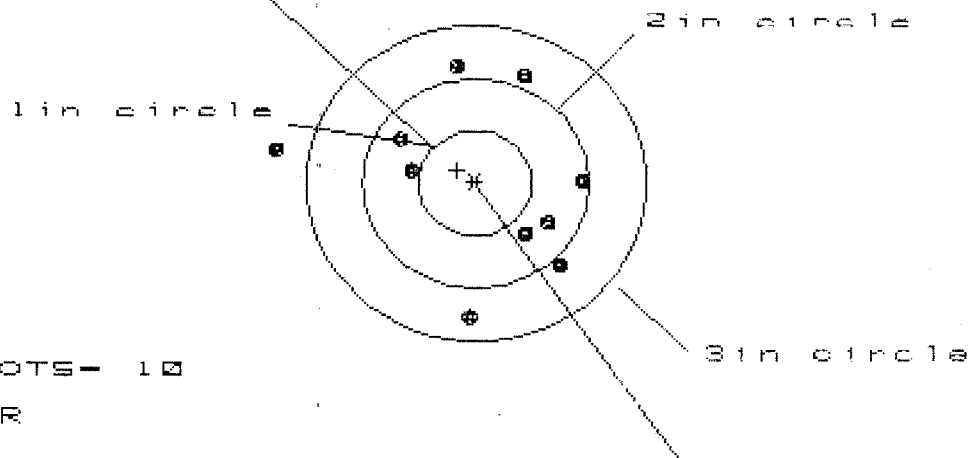
11 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6346925

CENTERFIRE PATTERNS

1

POB



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 9

HS= 2.696

VS= 2.421

GS= 2.739

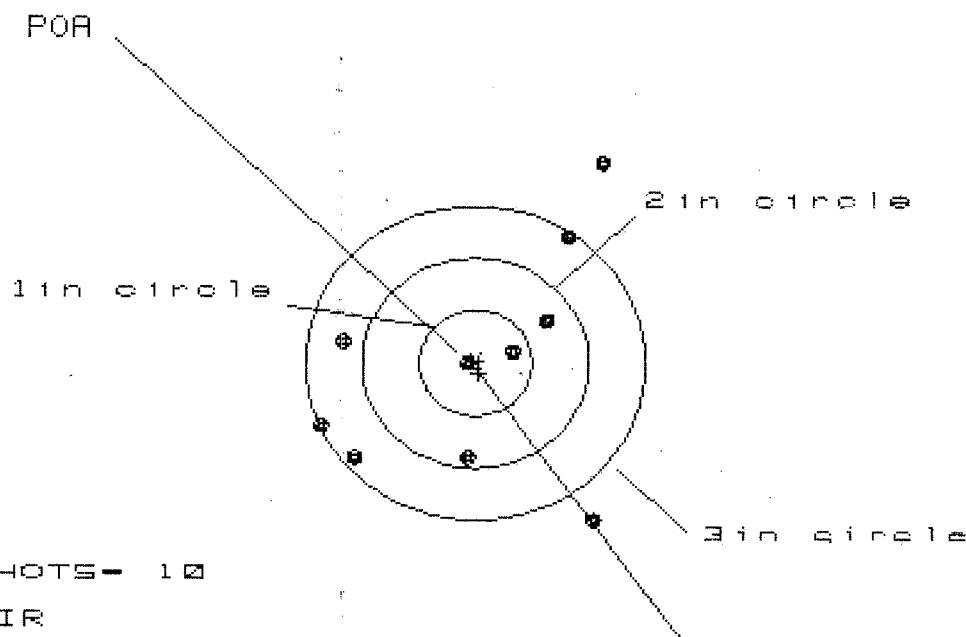
CENTROID *

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.959	.766	.734
MINIMUM X	:	-1.737	-.870	-.902
MAXIMUM Y	:	1.109	1.146	.986
MINIMUM Y	:	-1.312	-1.275	-.944
CENTROID X	:	.163	.356	.388
CENTROID Y	:	-.123	-.160	-.000
POB TO CENTROID in.	:	.204	.390	.388
MIN RADIUS	:	.583	.509	.648
MEAN RADIUS	:	1.013	.902	.852
MAX RADIUS	:	1.767	1.301	1.081
HORIZONTAL SPREAD	:	2.696	1.636	1.636
VERTICAL SPREAD	:	2.421	2.421	1.930
EXTREME SPREAD	:	2.739	2.423	2.135
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

01 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B925

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in - 2

2 in - 4

3 in - 7

HS - 2.476

VS - 3.381

GS - 3.530

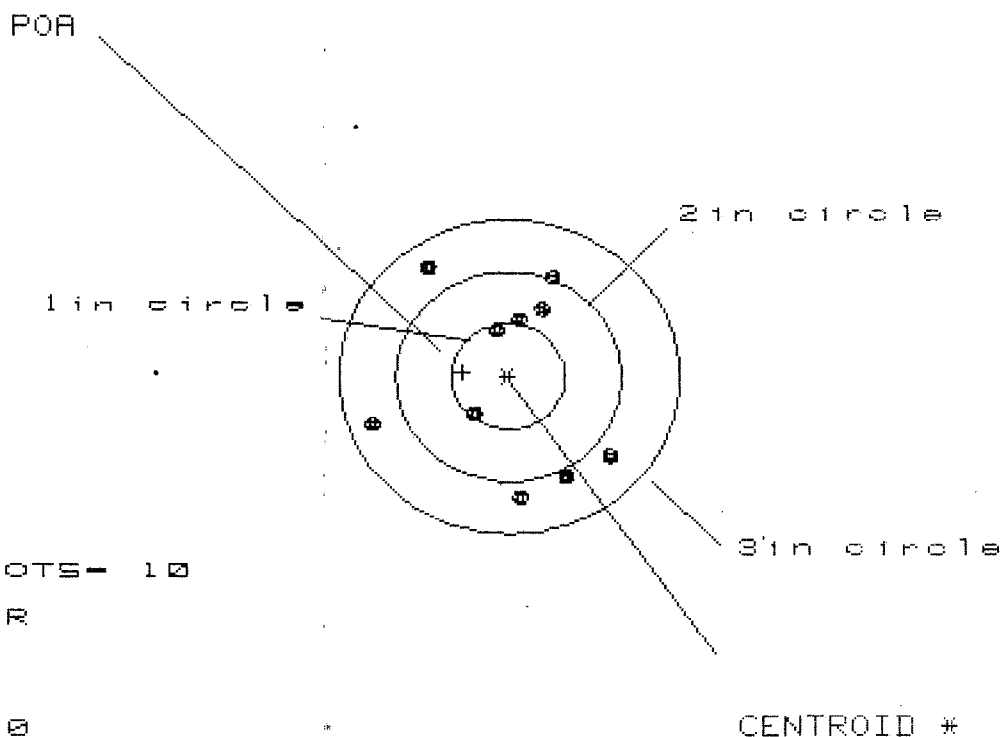
CENTROID #

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.082	1.119	1.043
MINIMUM X	:	-1.394	-1.274	-1.134
MAXIMUM Y	:	1.905	1.445	1.287
MINIMUM Y	:	-1.476	-1.265	-0.827
CENTROID X	:	-0.029	-0.149	-0.289
CENTROID Y	:	0.095	-0.116	0.042
POA TO CENTROID in.	:	0.100	0.189	0.292
MIN RADIUS	:	0.101	0.183	0.165
MEAN RADIUS	:	1.160	1.042	0.955
MAX RADIUS	:	2.190	1.704	1.656
HORIZONTAL SPREAD	:	2.476	2.393	2.177
VERTICAL SPREAD	:	3.381	2.710	2.114
EXTREME SPREAD	:	3.530	2.854	2.854
NUMBER IN ONE INCH CIRCLE =	:	2		
NUMBER IN TWO INCH CIRCLE =	:	4		
NUMBER IN THREE INCH CIRCLE =	:	7		

11 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B925

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in - 2

2 in - 5

3 in - 10

HS - 2.120

VS - 2.193

GS - 2.437

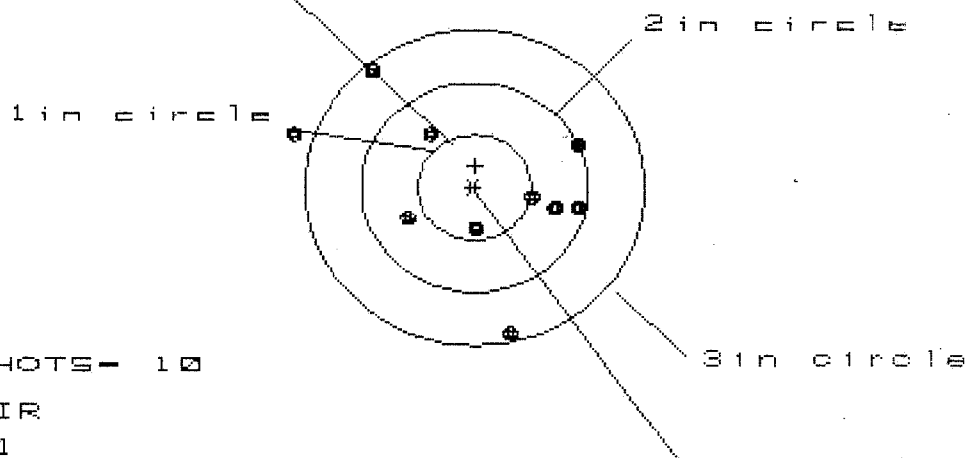
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.930	.854	.696
MINIMUM X	:	-1.190	-1.266	-.553
MAXIMUM Y	:	1.082	1.024	.986
MINIMUM Y	:	-1.111	-.991	-1.029
CENTROID X	:	.405	.481	.639
CENTROID Y	:	-.047	-.167	-.129
POA TO CENTROID in.	:	.408	.509	.652
MIN RADIUS	:	.423	.455	.599
MEAN RADIUS	:	.915	.880	.823
MAX RADIUS	:	1.279	1.302	1.038
HORIZONTAL SPREAD	:	2.120	2.120	1.249
VERTICAL SPREAD	:	2.193	2.015	2.015
EXTREME SPREAD	:	2.437	2.144	2.031
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	10		

11 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B/25

CENTERFIRE PATTERNS # 4

POA



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 7

3 in - 9

HS- 2.542

VS= 2.478

GS= 2.749

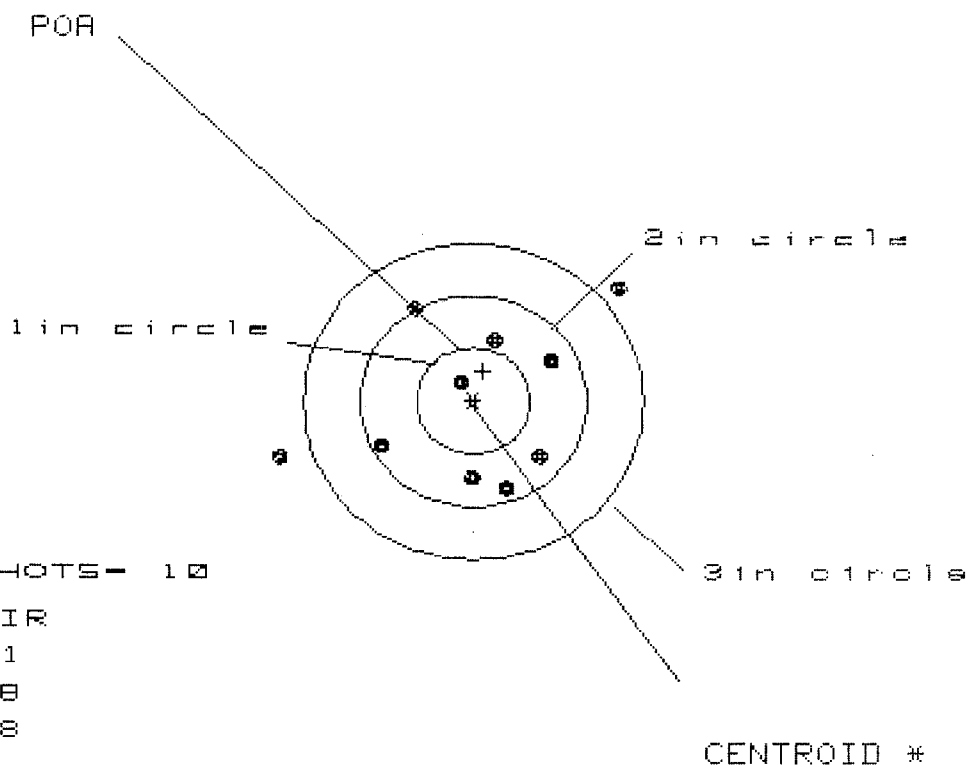
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.932	.754	.618
MINIMUM X	:	-1.610	-1.084	-.869
MAXIMUM Y	:	1.136	1.190	.739
MINIMUM Y	:	-1.342	-1.288	-1.139
CENTROID X	:	-.010	.168	.304
CENTROID Y	:	-.211	-.265	-.414
POA TO CENTROID in.	:	.211	.314	.513
MIN RADIUS	:	.374	.335	.202
MEAN RADIUS	:	.940	.819	.679
MAX RADIUS	:	1.682	1.610	1.140
HORIZONTAL SPREAD	:	2.542	1.838	1.487
VERTICAL SPREAD	:	2.478	2.478	1.878
EXTREME SPREAD	:	2.749	2.749	1.981
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 8

3 in = 8

HS= 2.976

VS= 1.884

GS= 3.373

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.280	1.092	.600
MINIMUM X	:	-1.696	-.952	-.816
MAXIMUM Y	:	1.043	.983	.940
MINIMUM Y	:	-.841	-.901	-.778
CENTROID X	:	-.086	.102	-.034
CENTROID Y	:	-.280	-.220	-.342
POA TO CENTROID in.	:	.293	.242	.344
MIN RADIUS	:	.202	.308	.282
MEAN RADIUS	:	.925	.818	.727
MAX RADIUS	:	1.781	1.469	1.079
HORIZONTAL SPREAD	:	2.976	2.044	1.416
VERTICAL SPREAD	:	1.884	1.884	1.719
EXTREME SPREAD	:	3.373	2.534	1.893
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		8	