

C6587714

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Smead®

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-18323INITIAL
FDC CUSTOMER ORDER NO.
DAAA09-92-C-0834W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN

S/N 90-0436

DATE RECEIVED
06/11/94 DATE OPENED
06/11/94 DATE CODESERIAL NUMBER
C6587714

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 36201-5025COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

CUST NO: 099397 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

✓ Barrel
✓ Stock
✓ Trigger Assy
✓ Firing pin Assy
✓ Mag Follower
✓ Mag Spring
✓ Front & Rear Sight Assy

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

4/12/96

4/12/96

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400025767

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6587714

DATE 3-26-96

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.57	2.53	2.66		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.48	2.50		
PULL #3	2.60	2.55	2.51		
PULL #4	2.66	2.54	2.54		
PULL #5	2.66	2.57	2.52		
TOTAL	12.97	12.67	12.73		
AVG.	2.59	2.53	2.54		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.11	2.93		
PULL #2	3.14	2.87		
PULL #3	3.04	2.80		
PULL #4	3.08	2.86		
PULL #5	3.04	2.92		
TOTAL	15.41	14.38		
AVG.	3.08	2.87		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.18		4.18
PULL #2	4.03	4.27		4.20
PULL #3	4.29	4.21		4.21
PULL #4	4.19	4.17		4.04
PULL #5	4.28	4.20		4.23
TOTAL	21.01	21.03		20.86
AVG.	4.20	4.20		4.17

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06587714
11 Feb 1900

CENTROIDAL DISTANCES

Ø TO	1	.55133
1 TO	2	.0519711
1 TO	3	.413437
1 TO	4	.318904
1 TO	5	.0528394

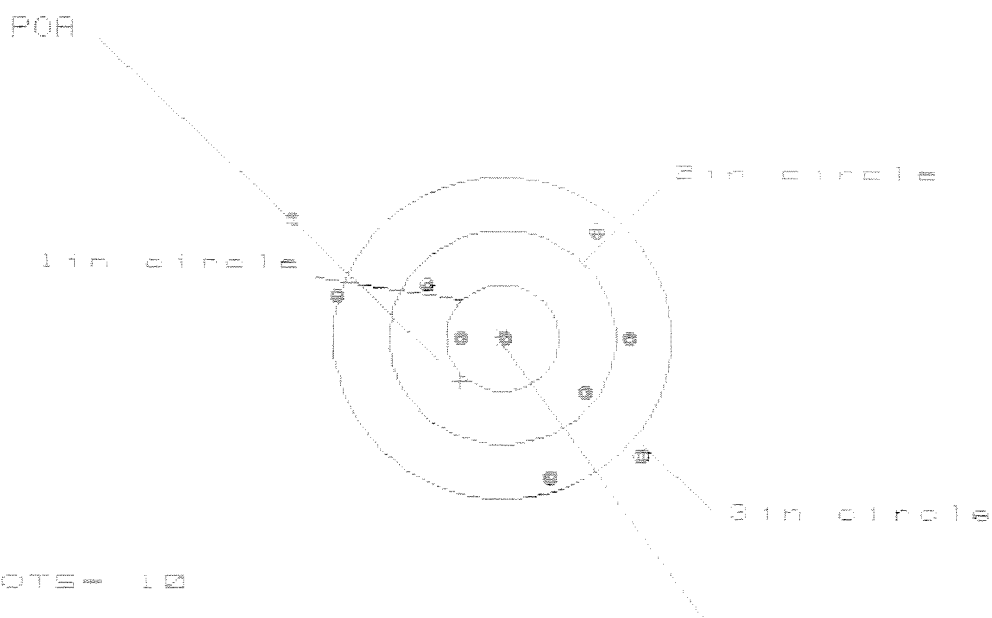
+³₄ (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4826
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .4066
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .631052
THE AMR FOR THIS RIFLE IS: .91

11 Feb 1968

FILE: \PATTERNING\CENTERFIRE_PATT\06580714

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 3.057

VS= 2.327

GS= 3.763

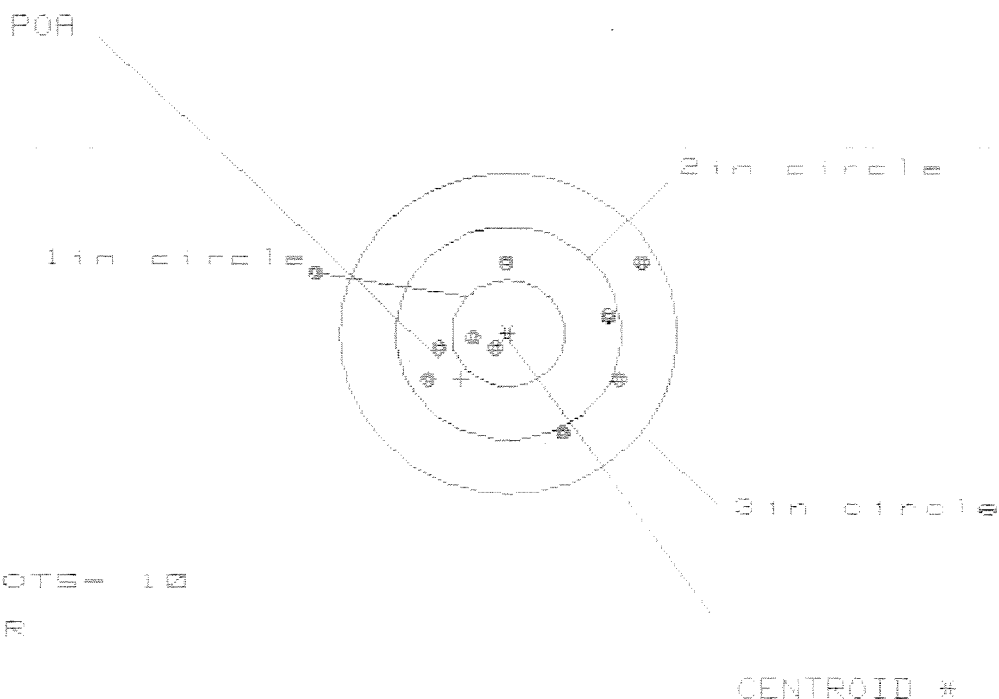
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.214	1.010	1.083
MINIMUM X	:	-1.843	-1.642	-1.516
MAXIMUM Y	:	1.070	1.126	1.000
MINIMUM Y	:	-1.257	-1.138	-1.264
CENTROID X	:	.373	.577	.451
CENTROID Y	:	.406	.287	.413
POA TO CENTROID in.	:	.551	.645	.612
MIN RADIUS	:	.045	.230	.104
MEAN RADIUS	:	1.115	1.005	.929
MAX RADIUS	:	2.131	1.722	1.566
HORIZONTAL SPREAD	:	3.057	2.652	2.599
VERTICAL SPREAD	:	2.327	2.264	2.264
EXTREME SPREAD	:	3.763	3.059	2.635
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

11 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06587714

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.929

VS= 1.669

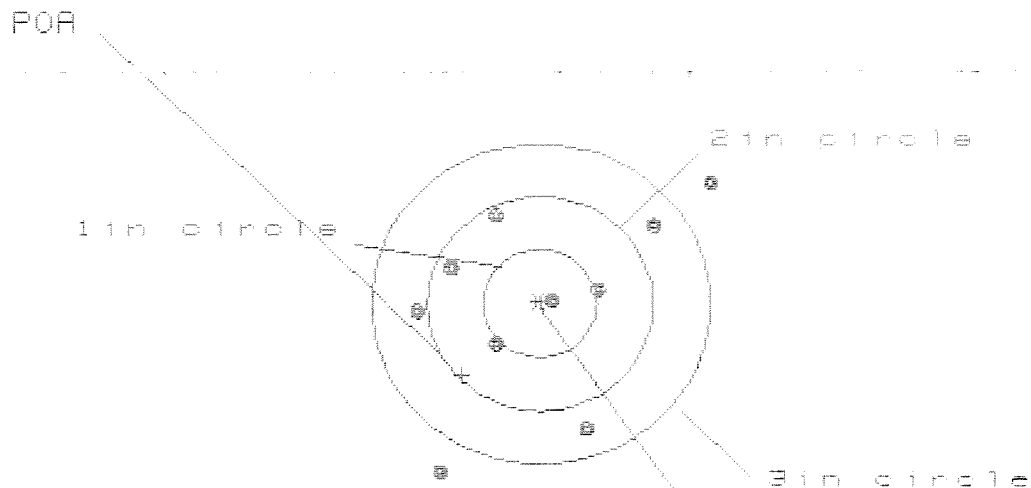
GS= 2.933

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.170	.975	.875
MINIMUM X	:	-1.759	-.868	-.747
MAXIMUM Y	:	.714	.772	.863
MINIMUM Y	:	-.955	-.897	-.806
CENTROID X	:	.418	.613	.492
CENTROID Y	:	.432	.374	.283
POA TO CENTROID in.	:	.601	.718	.567
MIN RADIUS	:	.140	.282	.159
MEAN RADIUS	:	.886	.792	.710
MAX RADIUS	:	1.835	1.217	.924
HORIZONTAL SPREAD	:	2.929	1.843	1.622
VERTICAL SPREAD	:	1.669	1.669	1.669
EXTREME SPREAD	:	2.933	2.152	1.744
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

11 Feb 1968

FILE:/PATTERNING/CENTERFIRE_PATT/08587714

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.556

VS= 2.635

GS= 3.541

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.465	1.218	1.125
MINIMUM X	-1.091	-.928	-1.021
MAXIMUM Y	1.094	.952	.775
MINIMUM Y	-1.541	-1.420	-1.207
CENTROID X	.692	.529	.622
CENTROID Y	.669	.548	.725
POA TO CENTROID in.	.963	.762	.955
MIN RADIUS	.140	.328	.216
MEAN RADIUS	1.026	.934	.832
MAX RADIUS	1.828	1.600	1.316
HORIZONTAL SPREAD	2.556	2.146	2.146
VERTICAL SPREAD	2.635	2.372	1.982
EXTREME SPREAD	3.541	3.004	2.284
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

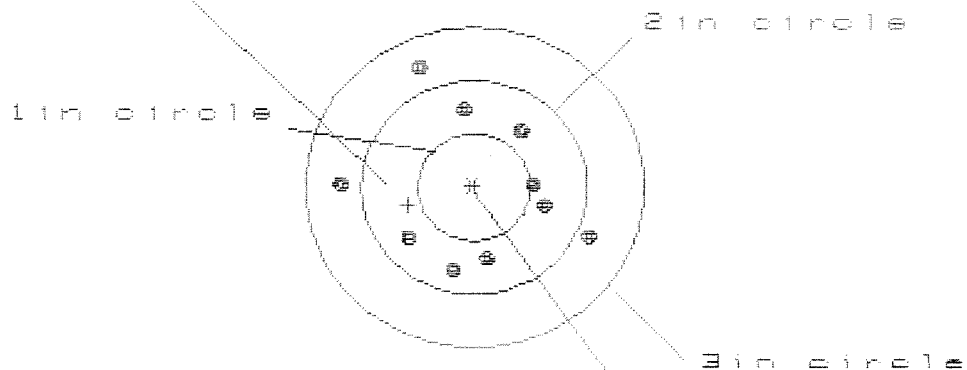
11 Feb 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C6587714

CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1in = 0

2in = 7

3in = 10

HS= 2.198

VS= 1.870

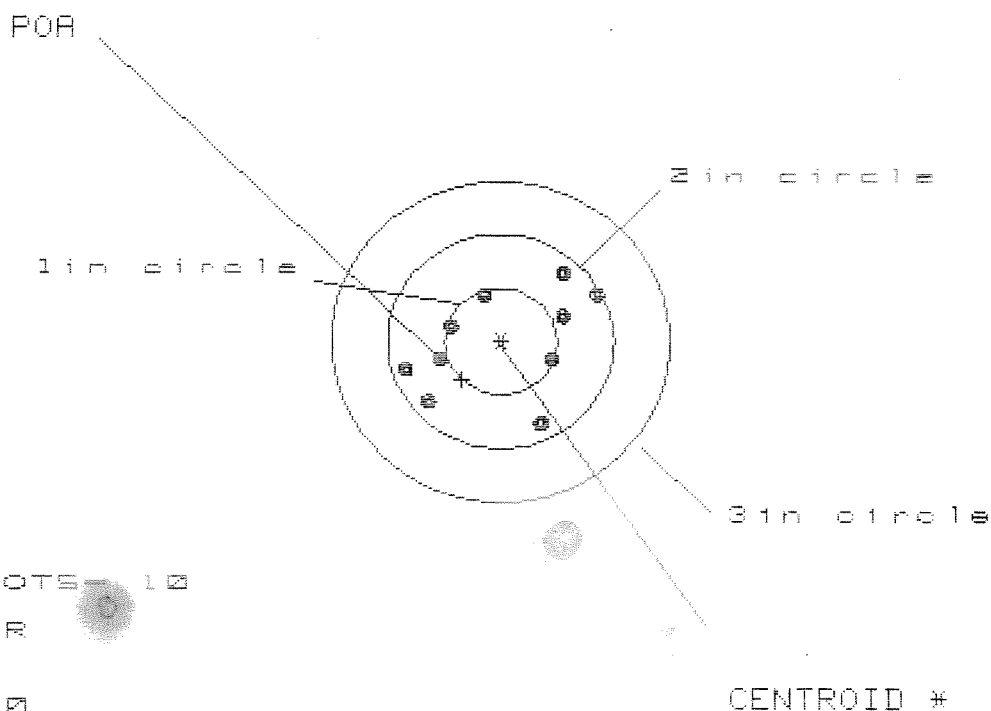
GS= 2.264

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.981	.927	.768
MINIMUM X	:	-1.217	-1.271	-.797
MAXIMUM Y	:	1.148	.868	.889
MINIMUM Y	:	-.722	-.594	-.573
CENTROID X	:	.583	.637	.796
CENTROID Y	:	.166	.038	.017
POA TO CENTROID in.	:	.607	.639	.797
MIN RADIUS	:	.548	.518	.378
MEAN RADIUS	:	.831	.765	.671
MAX RADIUS	:	1.247	1.283	.952
HORIZONTAL SPREAD	:	2.198	2.198	1.565
VERTICAL SPREAD	:	1.870	1.462	1.462
EXTREME SPREAD	:	2.264	2.264	1.662
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

11 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8587714

CENTERFIRE PATTERNS # 5



OF SHOTS 10

IN CIR

1 in = 2

2 in = 10

3 in = 10

HS= 1.684

VS= 1.361

GS= 1.818

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.837	.636	.542
MINIMUM X	-.847	-.754	-.641
MAXIMUM Y	.619	.665	.637
MINIMUM Y	-.742	-.696	-.724
CENTROID X	.347	.254	.348
CENTROID Y	.360	.314	.342
POA TO CENTROID in.	.499	.404	.488
MIN RADIUS	.458	.441	.463
MEAN RADIUS	.692	.658	.638
MAX RADIUS	.933	.921	.839
HORIZONTAL SPREAD	1.684	1.390	1.183
VERTICAL SPREAD	1.361	1.361	1.361
EXTREME SPREAD	1.818	1.670	1.670
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 10		
NUMBER IN THREE INCH CIRCLE	= 10		

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6587714*

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	7	7	7	5/4/96	JW		
	G) Safety Off Force	4	4	4	5/4/96	JW		
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.0215	.023	.022	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	2.26	2.27	2.19	2.18	2.42	5/4/96	JW
	C) Function							
660	Pack							

Remington
 MODEL 700™ H24

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

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

SERIAL NO.
 C6587714

ORDER NO.
 5716

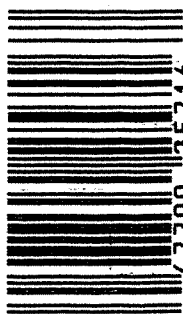
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

Ø1



5716 C6587714

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6587714

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/22/90	KJ
600	Proof		10/22/90	KJ
607	Check Headspace		10/22/90	KJ
610	Dis-assemble Gun		10/22/90	KJ
612	Magnaflux Barrel Action		10/24/90	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	ES
617	Drill and Tap Sight Holes		10/25/90	FB
618	Polish Barrel RB		10/26/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/8/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/8/90	KS
	C) Inspect Ejector Hole for Chamfer		11/8/90	KS
	D) Oil Firing Pin Ass'y		11/8/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11-15-90	JL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			11/15/90	WB
	G) Safety Off Force	2	2	2			11/15/90	WB
	H) Trigger Pull Test & Retainability						11-15-90	JM
	I) Firing Pin Indent	.023	.023	.023			11/15/90	WB
	J) Assemble Stock						11/15/90	KS
	K) Assemble Swivel Studs						11-20-90	DH
	L) Attach Front and Rear Sight Assemblies						11/15/90	KS
	M) Iron Sight Alignment						11/15/90	KS
	N) Detach Front & Rear Sights & place in numbered container						11/15/90	KS
	O) Attach Scope to Rifle						11/15/90	KS
	P) Detach & Attach Scope 20 Times						11/15/90	KS
640	Gallery Target & Test						11-16-90	KT
	A) Time						11-16-90	KT
	B) Malfunctions						11-16-90	KT
	C) Pierced Primers						11-16-90	KT
	D) Optical Clarity of Scope						11-16-90	KT
645	Inspect for Live Ammo						11-16-90	KT
655	Final Inspection							
	A) Headspace						11-20-90	DH
	B) Trigger Pull	2.27	2.34	2.34	2.08	2.02	11-20-90	DH
	C) Function						11-20-90	DH
660	Pack						12-18-90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 06587714

DATE 11-15-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.20	2.49	2.29	227	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.76	2.49	2.34	234	
PULL #3	2.28	2.31	2.31	234	
PULL #4	2.28	2.42	2.28	208	
PULL #5	2.34	2.25	2.38	202	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.39		
PULL #2	3.25	3.43		
PULL #3	3.35	3.40		
PULL #4	3.33	3.38		
PULL #5	3.47	3.17		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.31	4.25		4.25
PULL #2	4.24	4.44		4.43
PULL #3	4.13	4.47		4.46
PULL #4	4.14	4.40		4.44
PULL #5	4.21	4.10		4.48
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587714
17 Nov 1990

CENTROIDAL DISTANCES

0 TO 1	.242407
1 TO 2	.175932
1 TO 3	.488071
1 TO 4	.564486
1 TO 5	.2964

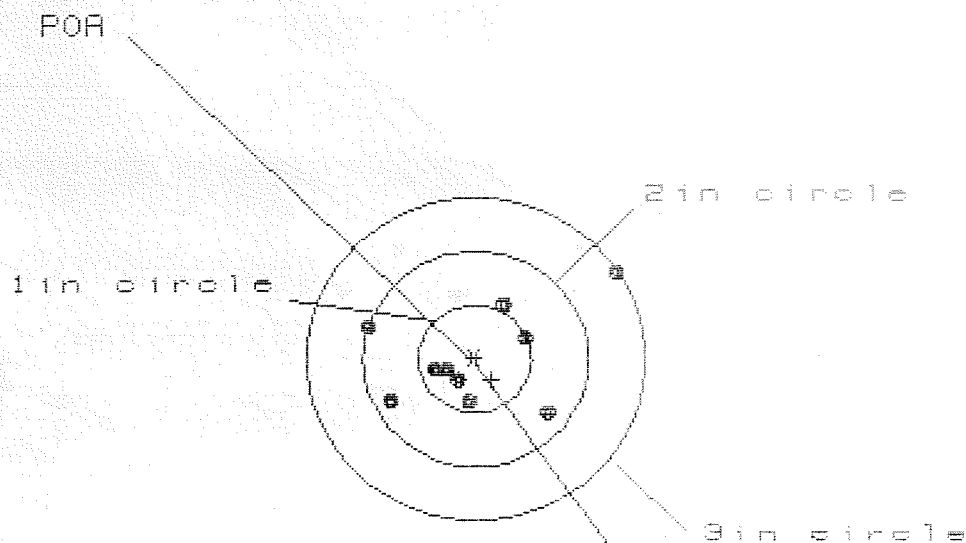
945 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0144
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0416
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0440218
THE AMR FOR THIS RIFLE IS: .9042

17 Nov 1938

FILE:/PATTERNING/CENTERFIRE_PATT/C8587714

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 5

2 in = 9

3 in = 10

HS= 2.171

VS= 1.314

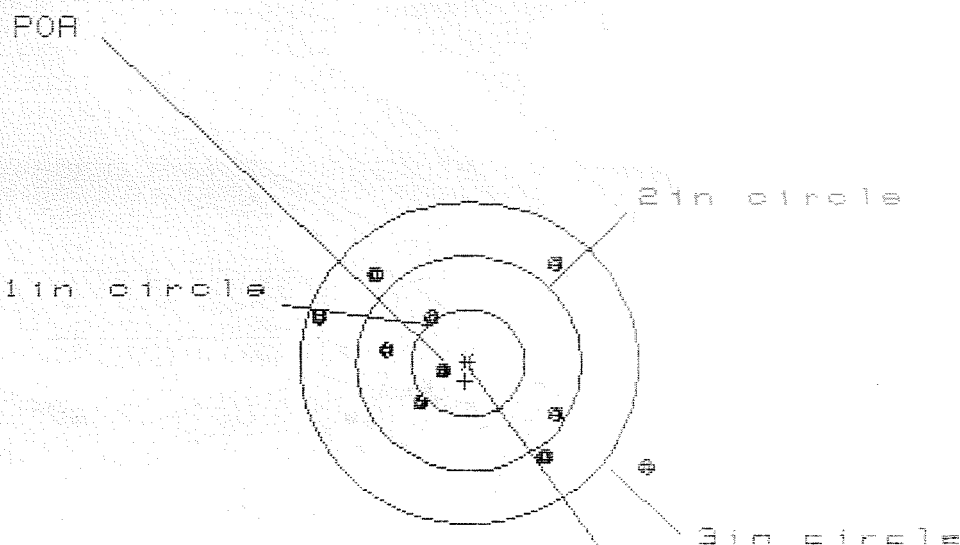
GS= 2.298

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.253	.789	.691
MINIMUM X	:	-.918	-.778	-.672
MAXIMUM Y	:	.790	.561	.610
MINIMUM Y	:	-.524	-.436	-.387
CENTROID X	:	-.144	-.284	-.186
CENTROID Y	:	.195	.107	.058
POA TO CENTROID in.	:	.242	.303	.195
MIN RADIUS	:	.267	.128	.189
MEAN RADIUS	:	.644	.504	.468
MAX RADIUS	:	1.482	.901	.792
HORIZONTAL SPREAD	:	2.171	1.567	1.363
VERTICAL SPREAD	:	1.314	.997	.997
EXTREME SPREAD	:	2.298	1.772	1.369
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

17 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8587714

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 3.914

VS= 1.908

GS= 3.252

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.586	.969	.826
MINIMUM X	:	-1.328	-1.152	-.759
MAXIMUM Y	:	.924	.814	.858
MINIMUM Y	:	-.984	-.986	-.942
CENTROID X	:	.030	-.146	-.003
CENTROID Y	:	.169	.279	.235
POA TO CENTROID in.	:	.172	.315	.235
MIN RADIUS	:	.267	.191	.261
MEAN RADIUS	:	.974	.827	.801
MAX RADIUS	:	1.867	1.322	1.196
HORIZONTAL SPREAD	:	2.914	2.121	1.585
VERTICAL SPREAD	:	1.908	1.800	1.800
EXTREME SPREAD	:	3.252	2.433	2.261
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

17 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587714

CENTERFIRE PATTERNS

3

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.263

VS= 2.680

GS= 3.282

CENTROID *

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.118	.991	1.069
MINIMUM X	-1.145	-1.265	-1.187
MAXIMUM Y	1.455	1.318	.524
MINIMUM Y	-1.226	-.522	-.357
CENTROID X	.063	.190	.112
CENTROID Y	-.247	-.111	-.276
POA TO CENTROID in.	.255	.220	.298
MIN RADIUS	.416	.518	.372
MEAN RADIUS	.993	.902	.818
MAX RADIUS	1.677	1.458	1.194
HORIZONTAL SPREAD	2.263	2.256	2.256
VERTICAL SPREAD	2.680	1.840	.881
EXTREME SPREAD	3.282	2.460	2.269
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

17 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/06587714

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 8

HS= 2.117

VS= 2.960

GS= 3.041

CENTROID *

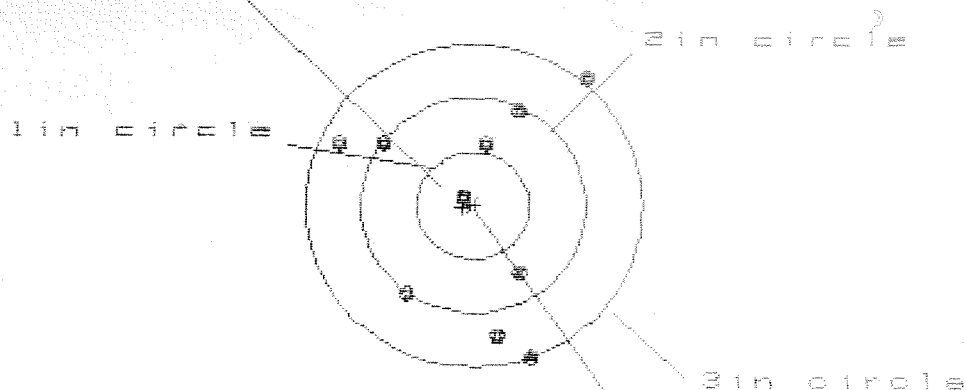
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.884	.944	.880
MINIMUM X	:	-1.233	-1.135	-1.099
MAXIMUM Y	:	1.444	.787	.617
MINIMUM Y	:	-1.516	-1.355	-.510
CENTROID X	:	.030	-.068	-.104
CENTROID Y	:	-.342	-.503	-.333
POA TO CENTROID in.	:	.344	.507	.349
MIN RADIUS	:	.372	.308	.451
MEAN RADIUS	:	.895	.800	.721
MAX RADIUS	:	1.693	1.385	1.099
HORIZONTAL SPREAD	:	2.117	1.979	1.979
VERTICAL SPREAD	:	2.960	2.142	1.127
EXTREME SPREAD	:	3.041	2.160	2.030
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

17 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587714

CENTERFIRE PATTERNS # 5

POA



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.217

VS= 2.677

GS= 2.732

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.054	.626	.634
MINIMUM X	:	-1.163	-1.046	-.968
MAXIMUM Y	:	1.223	1.046	.882
MINIMUM Y	:	-1.454	-1.318	-1.244
CENTROID X	:	.093	-.024	-.102
CENTROID Y	:	.017	-.119	.045
POA TO CENTROID in.	:	.094	.122	.112
MIN RADIUS	:	.144	.249	.133
MEAN RADIUS	:	1.015	.951	.858
MAX RADIUS	:	1.615	1.459	1.313
HORIZONTAL SPREAD	:	2.217	1.672	1.681
VERTICAL SPREAD	:	2.677	2.364	2.126
EXTREME SPREAD	:	2.732	2.614	2.249
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	