

C6594605

MODEL 700TM M24

Model **SWS**TM

Action

Barrel Length

Capacity

Order No. **571E**

*Includes 1 in chamber.

Remington

Remington[®]


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

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

MODEL 700TM H24

20

SERIAL NO.
C6594605

ORDER NO.
5716

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


5716 C6594605

UPC


0 47700 25716 7

INTERCHANGEABILITY

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6594605

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	12/26/90	K.S.
600	Proof		12/26/90	K.S.
607	Check Headspace		12/26/90	K.S.
610	Dis-assemble Gun		12/26/90	K.S.
612	Magnaflux Barrel Action		1-7-91	KR
	Magnaflux Bolt		1-7-91	KR
615	Rollmark Caliber		1-7-91	GL
617	Drill and Tap Sight Holes	1	10 91	FB
618	Polish Barrel	1	10 91	WB
620	Apply Coatings (Barrel Action)		1-26-91	JA
	Apply Coating (Bolt)		1-26-91	JA
625	Final Assembly A) Clean inside of Bolt Assembly		2/11/91	Kel
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/11/91	Kel
	C) Inspect Ejector Hole for Chamfer		2/11/91	Kel
	D) Oil Firing Pin Ass'y		2/11/91	Kel
	E) Adjust Trigger Pull to Min Setting and Stake		2/12/91	Kel

Op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			2/12/91	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			2/12/91	WB
	H) Trigger Pull Test & Retainability						2/12/91	JH
	I) Firing Pin Indent	.021	.0205	.0205			2/12/91	WB
	J) Assemble Stock						2/13/91	KH
	K) Assemble Swivel Studs						2-25-91	AC
	L) Attach Front and Rear Sight Assemblies						2/13/91	KH
	M) Iron Sight Alignment						2/13/91	KH
	N) Detach Front & Rear Sights & place in numbered container						2/13/91	KH
	O) Attach Scope to Rifle						2/13/91	KH
	P) Detach & Attach Scope 20 Times						2/13/91	KH
640	Gallery Target & Test						2/13/91	KH
	A) Time						2/13/91	KH
	B) Malfunctions						2/13/91	KH
	C) Pierced Primers						2/13/91	KH
	D) Optical Clarity of Scope						2/13/91	KH
645	Inspect for Live Ammo						2/13/91	LD
655	Final Inspection						2-25-91	AC
	A) Headspace						2-25-91	AC
	B) Trigger Pull	2.28	2.35	2.32	2.21	2.32	2/19/91	WB
	C) Function						2-25-91	AC
660	Pack						3/5-91	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. C6594605

DATE 2/12/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.49	2.38	2.30	2.28	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.48	2.45	2.35	
PULL #3	2.35	2.43	2.47	2.32	
PULL #4	2.46	2.43	2.44	2.21	
PULL #5	2.43	2.37	2.58	2.32	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.40		
PULL #2	3.34	3.37		
PULL #3	3.25	3.31		
PULL #4	3.26	3.31		
PULL #5	3.28	3.35		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.40		4.14
PULL #2	4.39	4.53		4.46
PULL #3	4.37	4.51		4.41
PULL #4	4.42	4.42		4.36
PULL #5	4.42	4.48		4.50
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594605
14 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.207118
1 TO	2	.235669
1 TO	3	.154175
1 TO	4	.1772
1 TO	5	.0854459

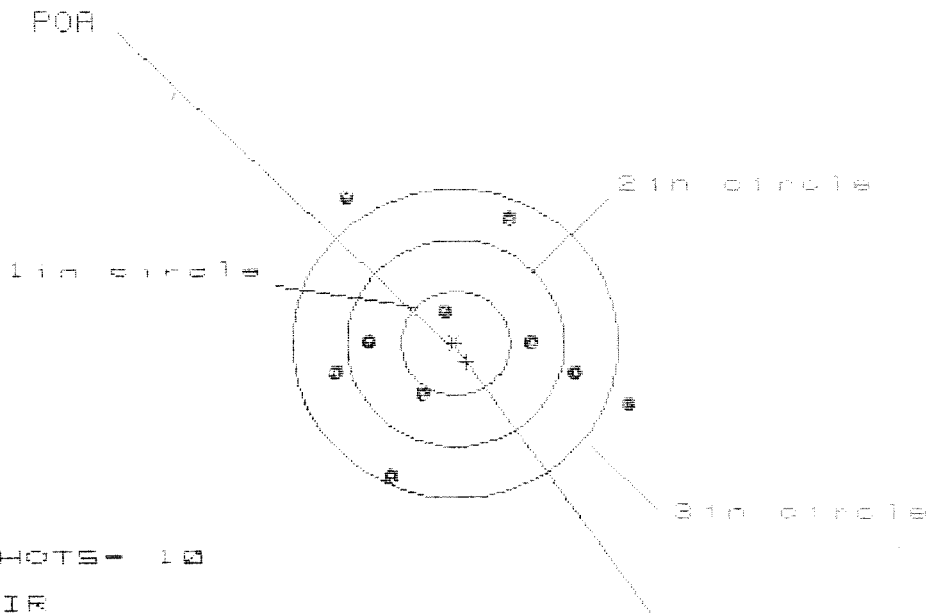
2 <----FOR

THE AVERAGE X COORDINATE FOR THIS RIFLE IS: .0012
THE AVERAGE Y COORDINATE FOR THIS RIFLE IS: .1426
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .142605
THE AMP FOR THIS RIFLE IS: 1.084

14 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08334885

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 8

HS= 2.694

VS= 2.668

GS= 3.313

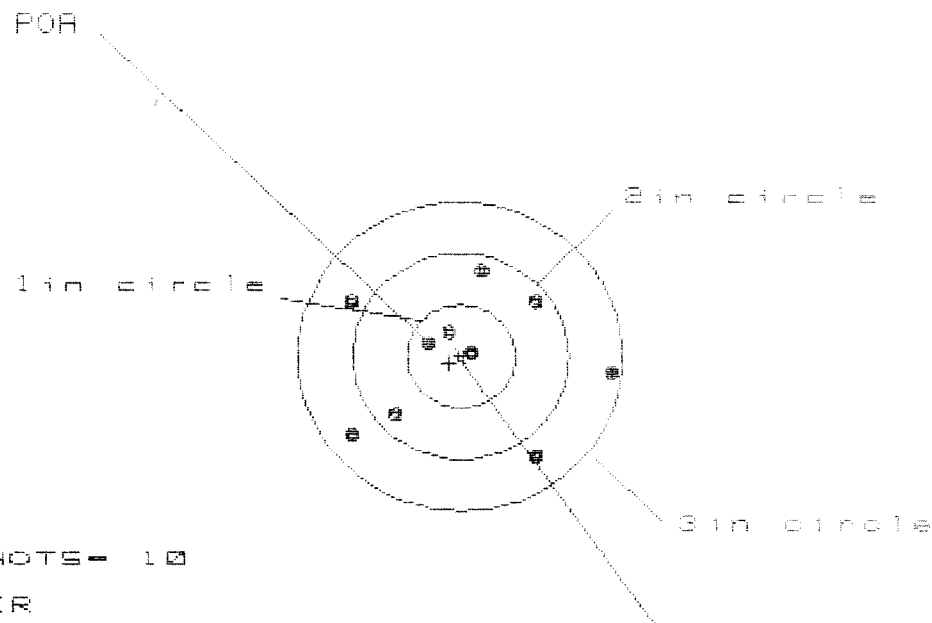
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.534	1.264	1.160
MINIMUM X	:	-1.060	-.878	-.982
MAXIMUM Y	:	1.405	1.341	1.301
MINIMUM Y	:	-1.253	-1.327	-1.160
CENTROID X	:	-.097	-.279	-.175
CENTROID Y	:	.183	.247	.030
POB TO CENTROID in.	:	.207	.373	.192
MIN RADIUS	:	.343	.276	.432
MEAN RADIUS	:	1.091	1.001	.922
MAX RADIUS	:	1.735	1.579	1.424
HORIZONTAL SPREAD	:	2.694	2.142	2.142
VERTICAL SPREAD	:	2.668	2.668	2.461
EXTREME SPREAD	:	3.313	2.706	2.706
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

14 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8594885

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS= 2.371

VS= 1.790

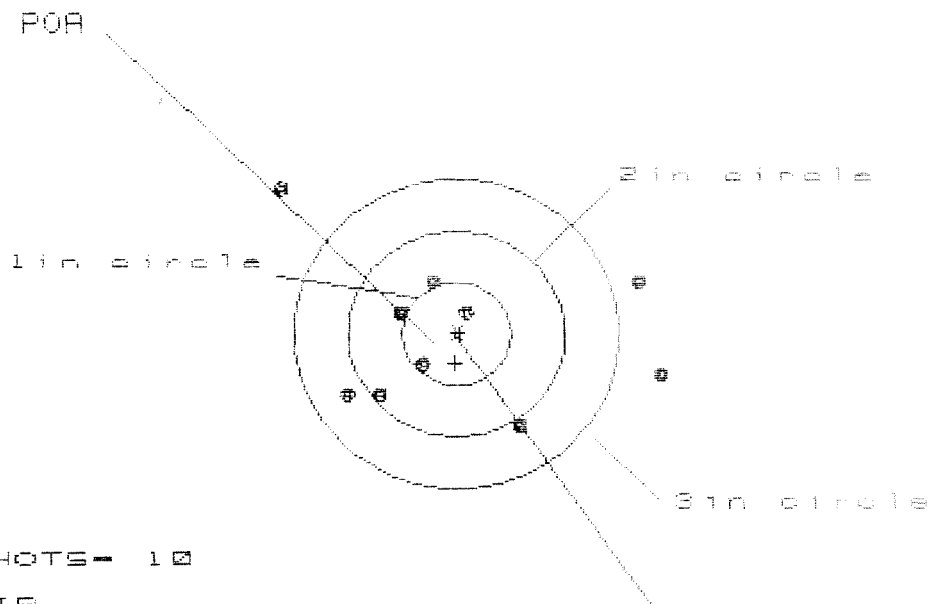
GS= 2.472

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.376	.866	.762
MINIMUM X	-.995	-.842	-.946
MAXIMUM Y	.822	.809	.711
MINIMUM Y	-.968	-.981	-1.079
CENTROID X	.107	-.046	.058
CENTROID Y	.065	.078	.176
FOR TO CENTROID in.	.125	.090	.185
MIN RADIUS	.087	.228	.144
MEAN RADIUS	.824	.752	.677
MAX RADIUS	1.381	1.294	1.308
HORIZONTAL SPREAD	2.371	1.708	1.708
VERTICAL SPREAD	1.790	1.790	1.790
EXTREME SPREAD	2.472	2.290	2.290
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

14 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08594605

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HE= 3.571

VS= 2.256

GS= 4.017

CENTROID +

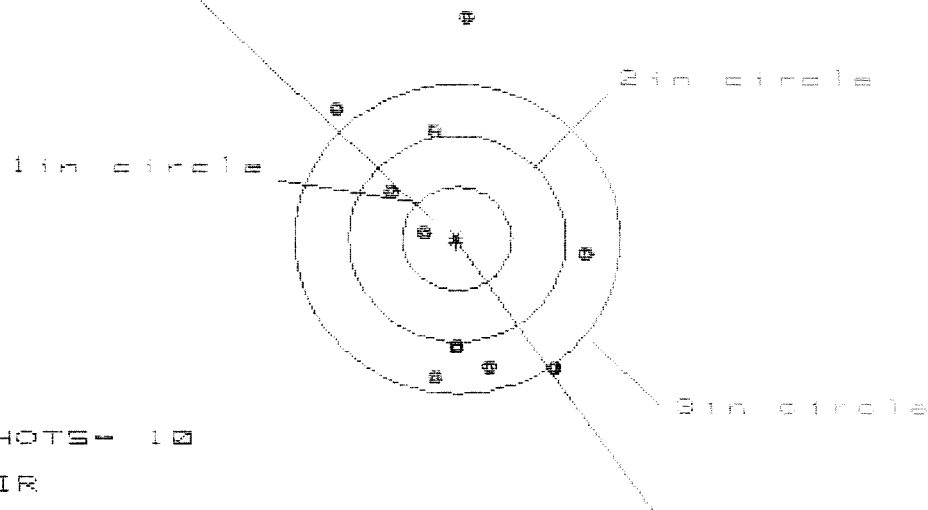
PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.926	1.744	1.756
MINIMUM X	-1.645	-1.183	-1.965
MAXIMUM Y	1.409	.666	.632
MINIMUM Y	-.847	-.690	-.724
CENTROID X	.014	.196	-.022
CENTROID Y	.290	.133	.167
POA TO CENTROID in.	.290	.237	.169
MIN RADIUS	.209	.390	.317
MEAN RADIUS	1.074	.989	.821
MAX RADIUS	2.166	1.765	1.857
HORIZONTAL SPREAD	3.571	2.927	2.721
VERTICAL SPREAD	2.256	1.356	1.356
EXTREME SPREAD	4.017	2.933	2.933
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		7	

14 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8594685

CENTERFIRE PATTERNS # 4

POA



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 2

3 in = 7

HS = 2.267

VS = 3.553

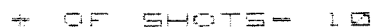
CS = 3.566

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.167	1.180	1.844
MINIMUM X	:	-1.100	-1.087	-1.760
MAXIMUM Y	:	2.180	1.505	1.471
MINIMUM Y	:	-1.373	-1.130	-1.942
CENTROID X	:	.009	-.004	.132
CENTROID Y	:	.041	-.201	-.389
POA TO CENTROID in.	:	.043	.201	.411
MIN RADIUS	:	.315	.410	.632
MEAN RADIUS	:	1.243	1.115	.999
MAX RADIUS	:	2.184	1.956	1.499
HORIZONTAL SPREAD	:	2.267	2.267	1.804
VERTICAL SPREAD	:	3.553	2.635	2.413
EXTREME SPREAD	:	3.566	3.176	2.494
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		7	

FILE: /PATTERNING/CENTERFIRE PATT/06504605

POA



11-11-11-1

217-5

[illegible]

M2400020157

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594605
12 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.121491
1 TO	2	.515102
1 TO	3	.0401123
1 TO	4	.332086
1 TO	5	.19308

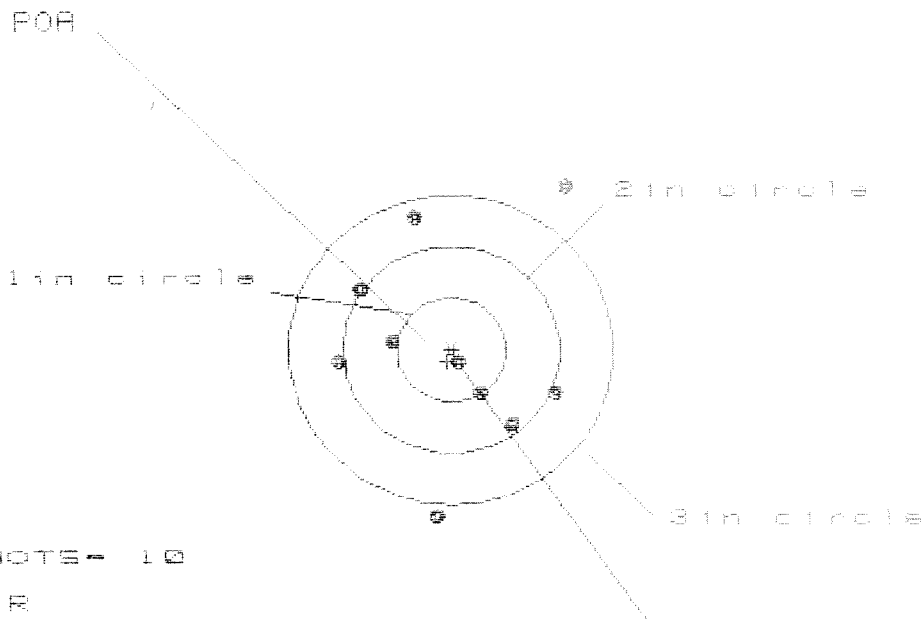
$\frac{5^4}{2}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .113
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .075
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .135624
THE AMR FOR THIS RIFLE IS: 1.044

12 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594685.1

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 4

HS = 2.147

VS = 3.197

GS = 3.421

CENTROID #

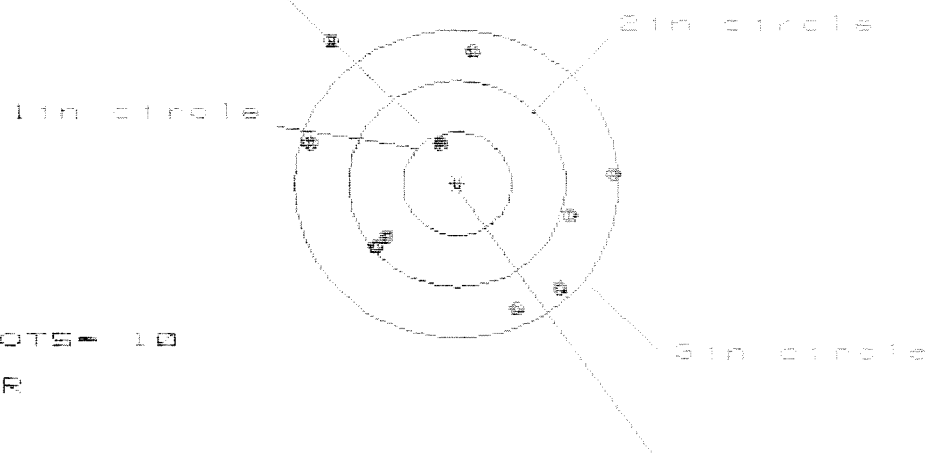
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.064	1.105	1.101
MINIMUM X	-1.083	-0.965	-0.969
MAXIMUM Y	1.565	1.412	1.230
MINIMUM Y	-1.632	-1.458	-0.742
CENTROID X	.042	-0.076	-0.072
CENTROID Y	.114	-0.060	.122
POA TO CENTROID in.	.121	.097	.141
MIN RADIUS	.160	.167	.228
MEAN RADIUS	1.012	.892	.819
MAX RADIUS	1.893	1.458	1.255
HORIZONTAL SPREAD	2.147	2.070	2.070
VERTICAL SPREAD	3.197	2.870	1.972
EXTREME SPREAD	3.421	2.870	2.194
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =			8

12 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08594605.1

CENTERFIRE PATTERNS # 2

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 2

3in = 7

HS= 2.786

VS= 2.555

GS= 3.133

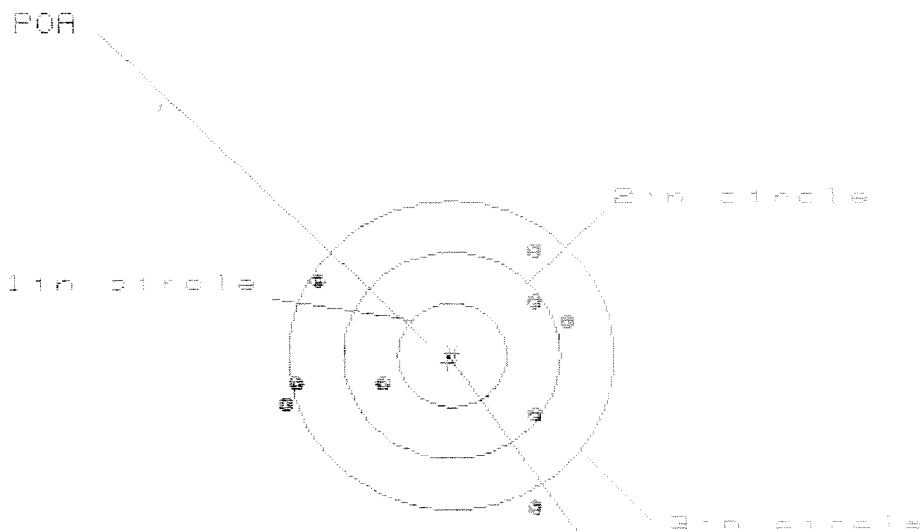
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.437	1.305	1.057
MINIMUM X	:	-1.349	-1.481	-1.318
MAXIMUM Y	:	1.364	1.468	1.497
MINIMUM Y	:	-1.191	-1.039	-1.010
CENTROID X	:	.153	.285	.122
CENTROID Y	:	-.389	-.541	-.570
POA TO CENTROID in.	:	.418	.611	.583
MIN RADIUS	:	.390	.587	.547
MEAN RADIUS	:	1.186	1.107	1.061
MAX RADIUS	:	1.807	1.593	1.506
HORIZONTAL SPREAD	:	2.786	2.786	2.375
VERTICAL SPREAD	:	2.555	2.507	2.507
EXTREME SPREAD	:	3.133	2.809	2.555
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

12 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/085946B5.1

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS = 2.695

VS = 2.490

CS = 2.940

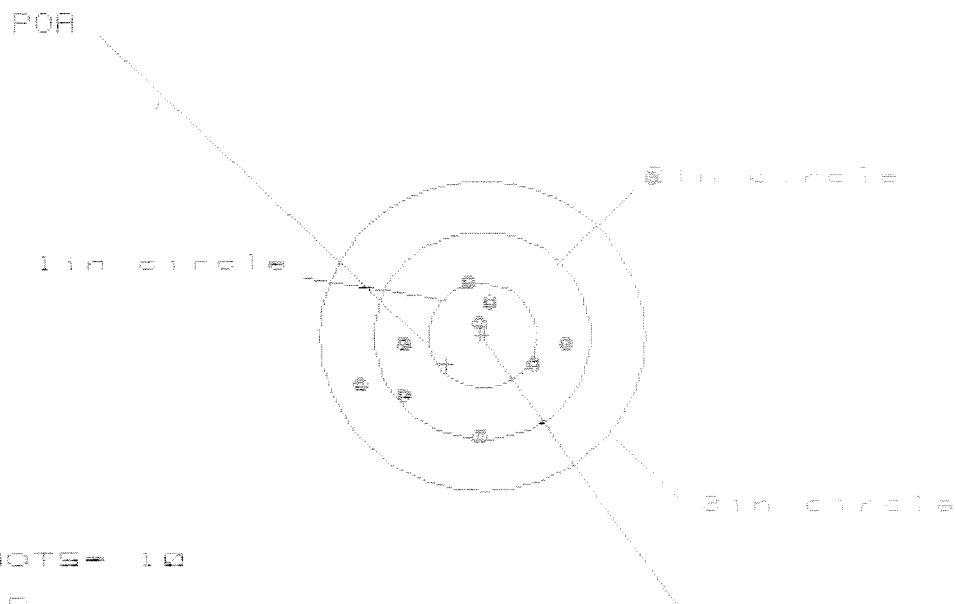
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.109	.938	1.004
MINIMUM X	:	-1.586	-1.615	-1.544
MAXIMUM Y	:	1.044	.986	.798
MINIMUM Y	:	-1.446	-1.504	-1.800
CENTROID X	:	.039	.215	.144
CENTROID Y	:	.074	.132	.320
POA TO CENTROID in.	:	.084	.252	.351
MIN RADIUS	:	.722	.734	.707
MEAN RADIUS	:	1.218	1.135	1.065
MAX RADIUS	:	1.669	1.645	1.622
HORIZONTAL SPREAD	:	2.695	2.548	2.548
VERTICAL SPREAD	:	2.490	2.490	1.601
EXTREME SPREAD	:	2.940	2.940	2.610
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

12 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08594085.1

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 8

3 in = 8

HS= 2.677

VS= 2.424

GS= 3.325

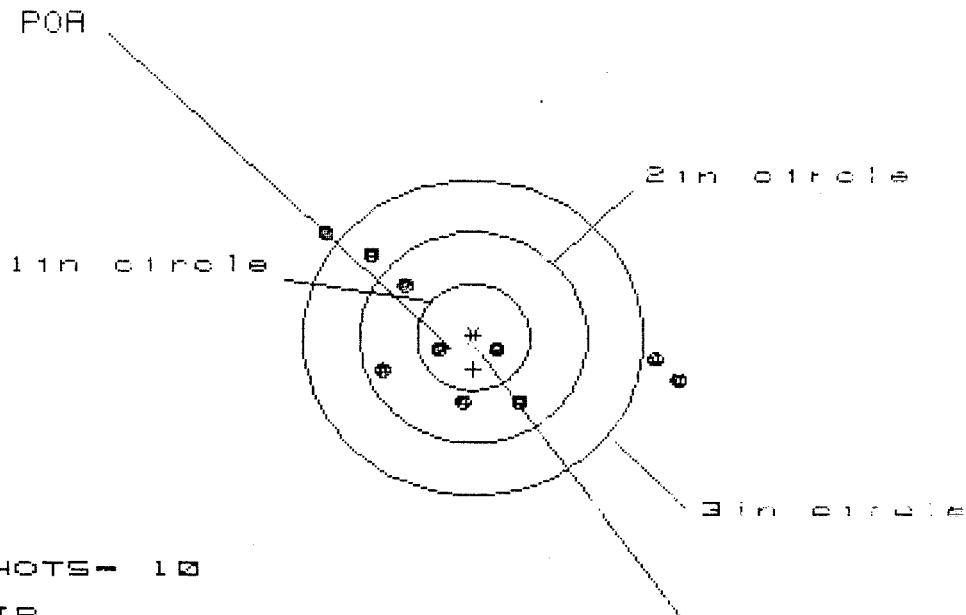
CENTROID +

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.522	.894	.771
MINIMUM X	:	-1.155	-.986	-.733
MAXIMUM Y	:	1.496	.719	.680
MINIMUM Y	:	-.928	-.761	-.600
CENTROID X	:	.333	.164	.287
CENTROID Y	:	.274	.107	.146
POA TO CENTROID in.	:	.431	.196	.322
MIN RADIUS	:	.079	.300	.212
MEAN RADIUS	:	.832	.695	.633
MAX RADIUS	:	2.134	1.033	.805
HORIZONTAL SPREAD	:	2.677	1.880	1.584
VERTICAL SPREAD	:	2.424	1.480	1.480
EXTREME SPREAD	:	3.325	1.929	1.527
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			9	

12 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594605.1

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 6

3 in = 7

HS = 3.111

VS = 1.541

GS = 3.406

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.838	1.774	1.640
MINIMUM X	:	-1.273	-1.068	-.875
MAXIMUM Y	:	.978	.933	.890
MINIMUM Y	:	-.563	-.608	-.491
CENTROID X	:	-.002	-.207	-.073
CENTROID Y	:	.302	.348	.231
POA TO CENTROID in.	:	.303	.405	.243
MIN RADIUS	:	.236	.170	.209
MEAN RADIUS	:	.974	.850	.760
MAX RADIUS	:	1.883	1.795	1.648
HORIZONTAL SPREAD	:	3.111	2.842	2.515
VERTICAL SPREAD	:	1.541	1.541	1.31
EXTREME SPREAD	:	3.406	3.089	2.26
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	7		

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-18751

INITIAL CUSTOMER ORDER NO.

JJM DAAA09-92-C-0834

W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT

ATTN FRED MARTIN

SCOPE 90-0494

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

06/14/94

06/15/94

C6594605

700 7.62

NATO

ACCESSORIES

HARD CASE

SCOPE MNTS

SCOPE BASE

SLING STRAP

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

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

Trigger Assy

\$ 173.31

CTI

50.00

\$ 223.31

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

BB

12-9-95

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400020164

SWS TRIGGER PULL TEST

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

SERIAL NO. C6594605

DATE 11-4-95

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.39	2.41		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.45	2.37		
PULL #3	2.39	2.46	2.48		
PULL #4	2.42	2.34	2.46		
PULL #5	2.38	2.41	2.41		
TOTAL	12.03	12.05	12.13		
AVG.	2.40	2.41	2.42		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.22		
PULL #2	3.26	3.22		
PULL #3	3.27	3.21		
PULL #4	3.21	3.21		
PULL #5	3.24	3.25		
TOTAL	16.24	16.11		
AVG.	3.25	3.22		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.09	4.04	4.17	
PULL #2	4.03	4.08	4.01	
PULL #3	4.03	4.02	4.14	
PULL #4	4.03	3.90	4.10	
PULL #5	4.11	4.10	4.14	
TOTAL	20.29	20.14	20.56	
AVG.	4.05	4.02	4.11	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6594605

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	4.25	4.5	4.25			12-13-95	DA
	G) Safety Off Force	3.0	2.75	2.75			12-13-95	DA
	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	2.79	2.84	2.80	2.79	2.68	12-13-95	DA
	C) Function						AS	
660	Pack							