

C6594625

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Evaluate History

Repair Inquiry

Repair Number: RE00163629 Serial: C6594625 Model M24 SWS Center Fire Caliber: 7.62 NATO Produced: 05/19/1991 Repairman: Status: Closed 3/3/2009 11:25:46 AM

Verify Repair

Address Information

Customer: Received From Return To: Received From

Name: ISD ARMSROOM

Address 1: 8TH DESERT STORM

Address 2: BLDG 5210 BAY DOOR #30 PO Box: FORT CAMPBELL

City: FORT CAMPBELL State: KY Zip Code: 42223 Country: US

State: KY Zip Code: 42223 Country: US

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Condition: Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	BiPod	1
A057	Fit and Rear Sgt Base	1

Refresh Close

Repair Search Refresh Close

Repair

maglet 3/4/2009 12:39 PM CAPS NUM INS SCRL

start 10 Micro... 8 Micros... My Docum... Arms Serv... DMS - Glo... Google Ne... Part Searc... 12:39 PM

Serial Number: C6594625

Model: M24 SWS

RE00163629

M-24
INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207
ISSUED 10/1/2007

R & E NUMBER	<u>163629</u>			
SERIAL NUMBER	<u>C6594625</u>			
LOG-IN DATE	<u>3-3-09</u>			

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	3-10-09	RTZ
505	RE-BARREL	3-16-09	RTZ
420	ASSEMBLE	3-16-09	RTZ
440	PROOF	3-17-09	TC
460	CHECK HEADSPACE	3-17-09	TC
470	DIS-ASSEMBLE GUN	3-16-09	RTZ
480	MAGNAFLUX	3-20-09	RTZ
510	DRILL AND TAP	3-17-09	SP
500	ROLLMARK CALIBER	3-24-09	RT
520	GOFF BLAST BBL / REC	3-24	BS
530 & 540	APPLY COATINGS	3-31	
560	FINAL ASSEMBLY	4-3-09	RTZ
640	FUNCTION TEST AND	4-3-09	TC
650	TARGET	4-3-09	TC
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	4-3-09	WV
	A) HEADSPACE	4-4-09	WV
	B) TRIGGER PULL	4-4-09	WV
		2.95 2.96 2.98 2.98 2. 4-3-09	TC
680	F) SAFETY ON FORCE	4.0 4.0 4.0 4-4-09	WV
	G) SAFETY OFF FORCE	5.0 5.0 4.0 4-4-09	WV
	I) FIRING PIN INDENT	.004 .004 .004 4-4-09	WV
690	PACK	4-6-09	FM

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594625.___0
FILE DATE AND TIME: 04/04/2009 04:40

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.023
The Average Y Centroid of the Five Target Set:	0.021
The Average Point of Impact of the Five Target Set:	0.031
The Average Mean Radius of the Five Target Set:	0.602
The Distance from POA to Centroid Target #1:	0.107
The Distance from Centroid Target #2 to Centroid Target #1:	0.110
The Distance from Centroid Target #3 to Centroid Target #1:	0.140
The Distance from Centroid Target #4 to Centroid Target #1:	0.264
The Distance from Centroid Target #5 to Centroid Target #1:	0.124

SERIAL NUMBER: C6594625. __0

TARGET NUMBER: 1

FILE DATE: 04/04/2009

FILE TIME: 04:40

POINT#	X	Y
1:	-0.215	0.579
2:	-0.359	0.392
3:	0.117	0.175
4:	0.231	0.382
5:	0.603	0.151
6:	1.073	0.294
7:	0.365	0.325
8:	-0.247	-0.396
9:	-0.570	-0.840
10:	-0.079	-0.518

X CENTROID: 0.092

Y CENTROID: 0.054

POA TO CENTROID: 0.107

HORZ SPREAD: 1.643

VERT SPREAD: 1.419

GROUP SPREAD: 1.996

MIN RADIUS: 0.123

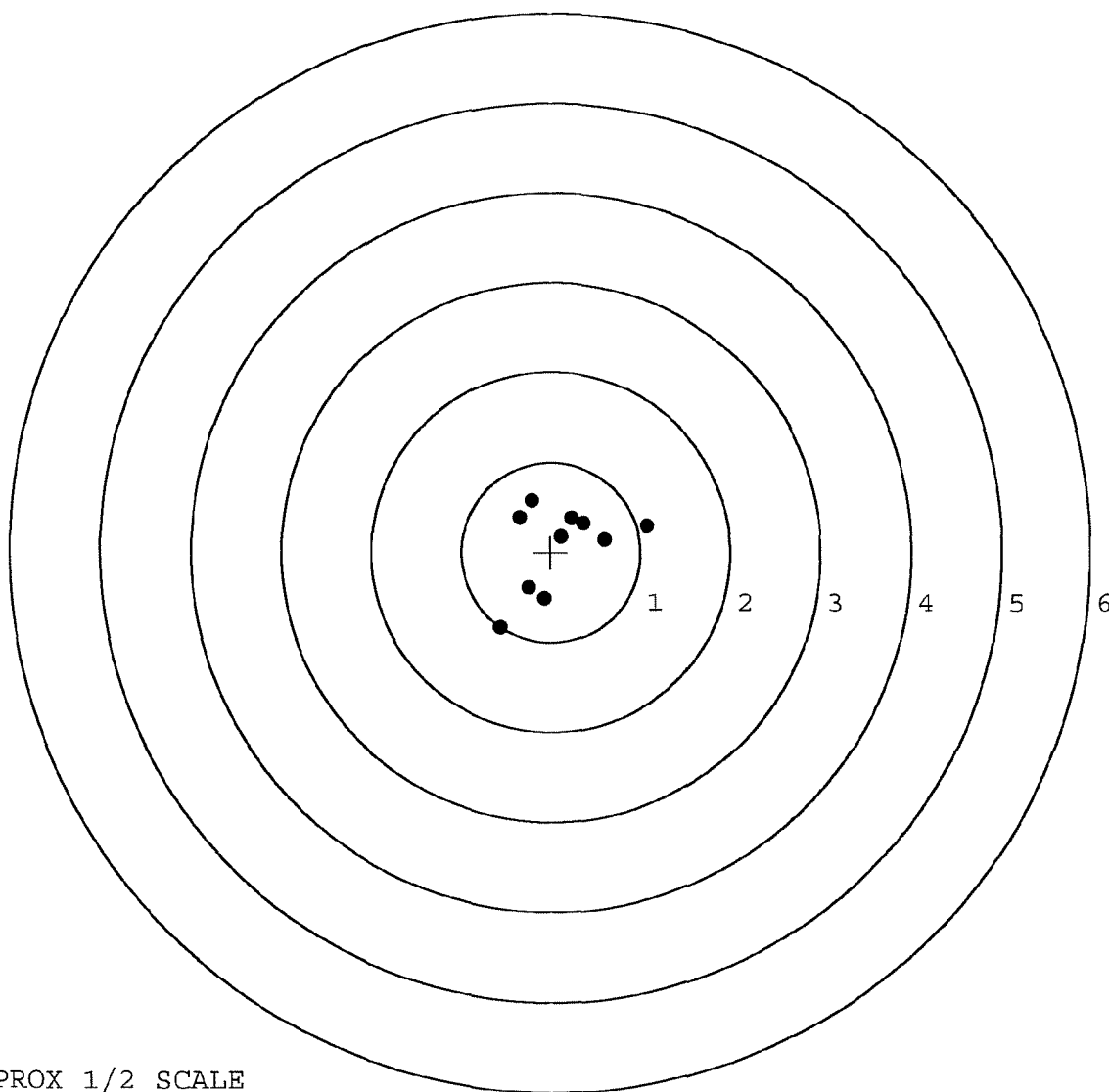
MAX RADIUS: 1.113

MEAN RADIUS: 0.584

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594625. __0

TARGET NUMBER: 2

FILE DATE: 04/04/2009

FILE TIME: 04:40

POINT#	X	Y
1:	0.758	0.532
2:	0.485	0.385
3:	0.049	0.562
4:	-0.308	0.491
5:	-0.537	0.192
6:	-0.042	-0.005
7:	-0.232	-0.162
8:	-0.253	-0.607
9:	-0.404	-1.179
10:	0.472	-0.260

X CENTROID: -0.001

Y CENTROID: -0.005

POA TO CENTROID: 0.005

HORZ SPREAD: 1.295

VERT SPREAD: 1.741

GROUP SPREAD: 2.068

MIN RADIUS: 0.041

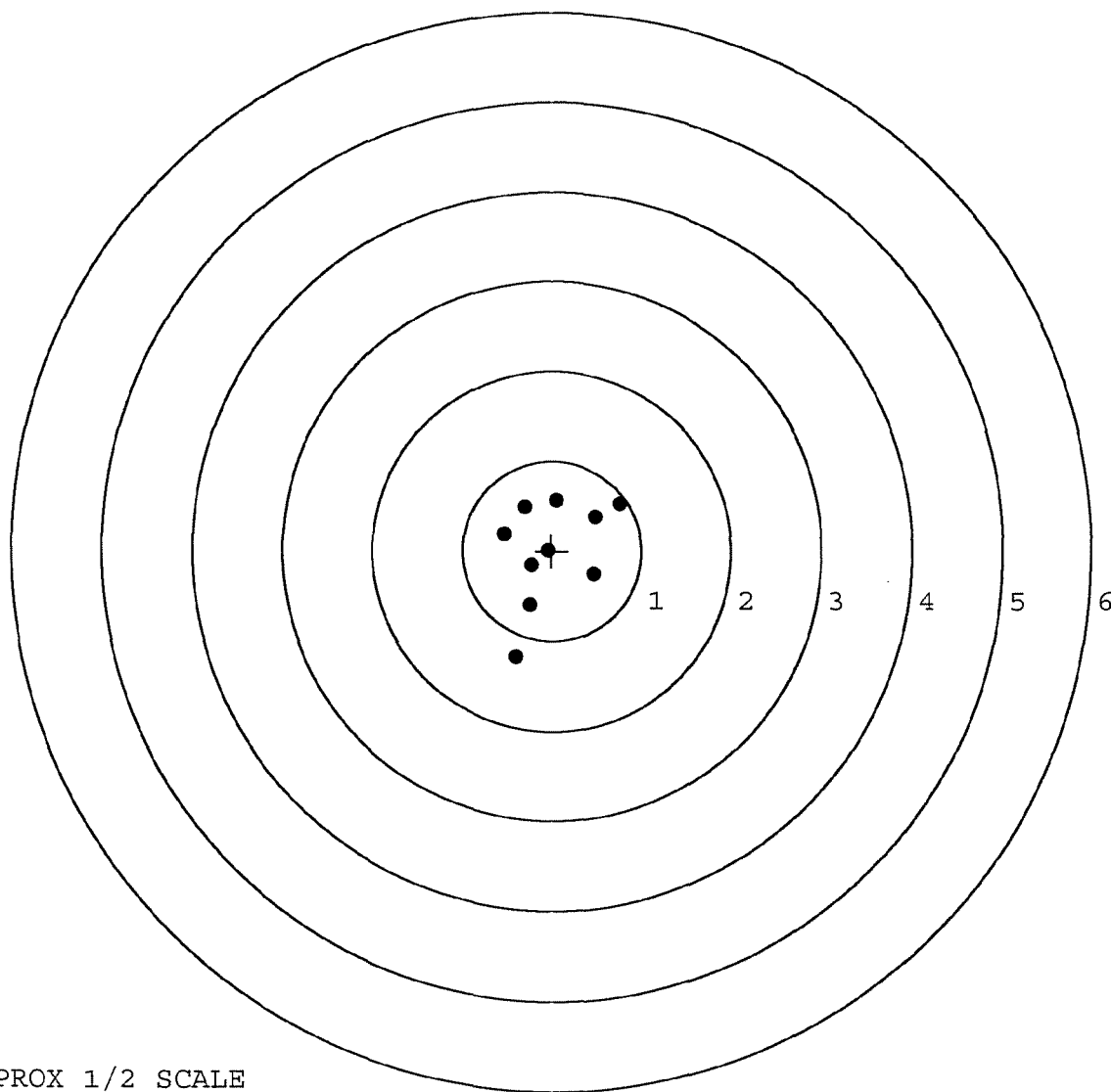
MAX RADIUS: 1.241

MEAN RADIUS: 0.603

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594625. __0

TARGET NUMBER: 3

FILE DATE: 04/04/2009

FILE TIME: 04:40

POINT#	X	Y
1:	0.929	-0.912
2:	0.933	-0.533
3:	1.217	0.938
4:	-0.016	0.720
5:	0.117	0.530
6:	0.006	0.189
7:	-0.389	0.165
8:	-0.401	-0.531
9:	0.011	-0.298
10:	-0.160	-0.171

X CENTROID: 0.225

Y CENTROID: 0.010

POA TO CENTROID: 0.225

HORZ SPREAD: 1.618

VERT SPREAD: 1.850

GROUP SPREAD: 2.185

MIN RADIUS: 0.283

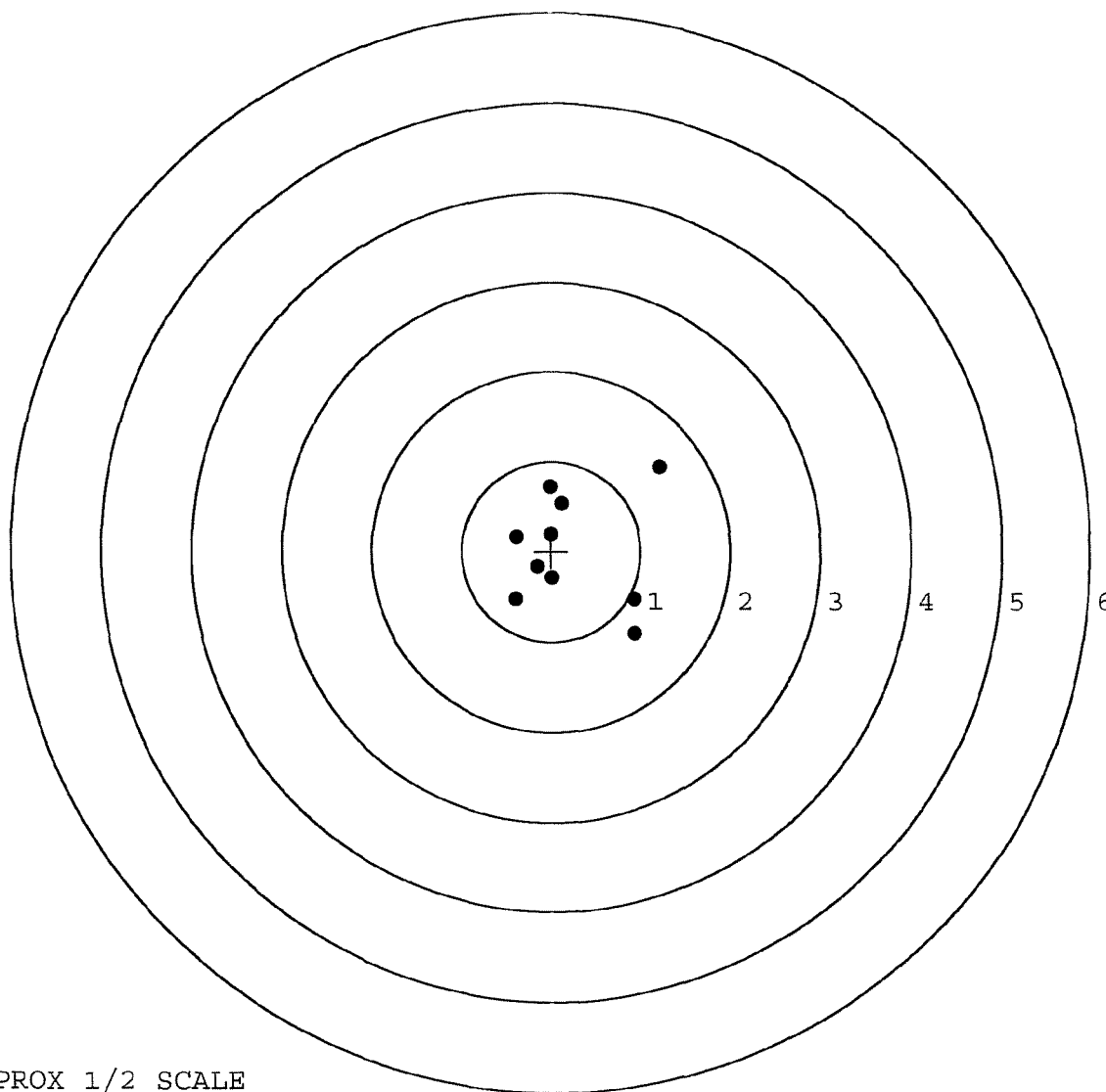
MAX RADIUS: 1.359

MEAN RADIUS: 0.723

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594625. __0

TARGET NUMBER: 4

FILE DATE: 04/04/2009

FILE TIME: 04:40

POINT#	X	Y
1:	-1.079	0.354
2:	-0.491	0.329
3:	-0.564	0.156
4:	-0.663	-0.250
5:	0.251	0.401
6:	0.006	0.259
7:	-0.102	-0.170
8:	0.026	-0.442
9:	0.320	-0.462
10:	0.613	-0.047

X CENTROID: -0.168

Y CENTROID: 0.013

POA TO CENTROID: 0.169

HORZ SPREAD: 1.692

VERT SPREAD: 0.863

GROUP SPREAD: 1.739

MIN RADIUS: 0.194

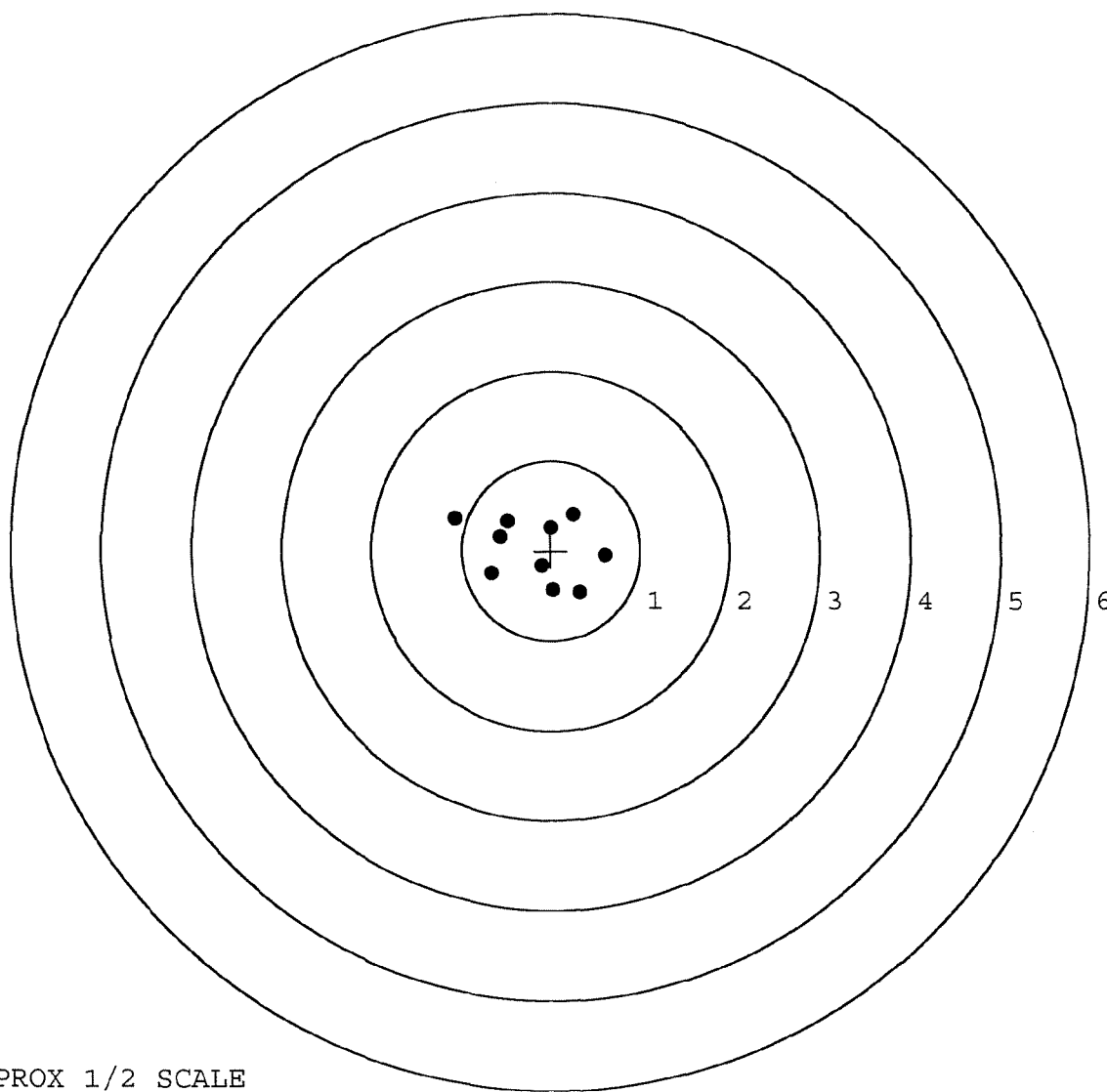
MAX RADIUS: 0.973

MEAN RADIUS: 0.543

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594625. __0

TARGET NUMBER: 5

FILE DATE: 04/04/2009

FILE TIME: 04:40

POINT#	X	Y
1:	0.074	0.778
2:	0.484	0.553
3:	0.425	0.193
4:	0.502	-0.136
5:	0.295	-0.293
6:	-0.296	-0.464
7:	-0.579	-0.442
8:	-0.175	-0.211
9:	-0.315	0.039
10:	-0.715	0.304

X CENTROID: -0.030

Y CENTROID: 0.032

POA TO CENTROID: 0.044

HORZ SPREAD: 1.217

VERT SPREAD: 1.242

GROUP SPREAD: 1.384

MIN RADIUS: 0.283

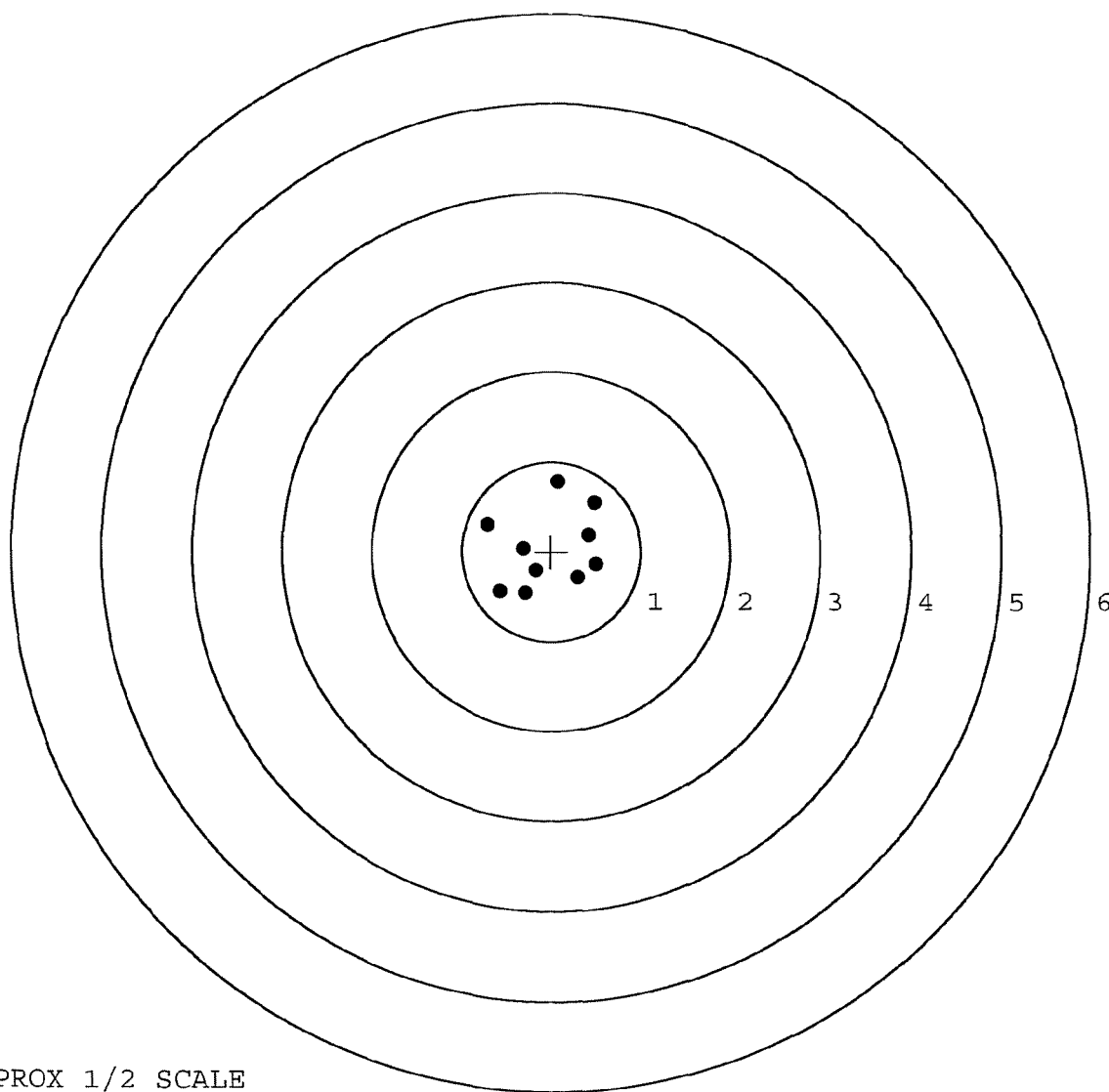
MAX RADIUS: 0.753

MEAN RADIUS: 0.558

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE




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

MODEL 700™ H24

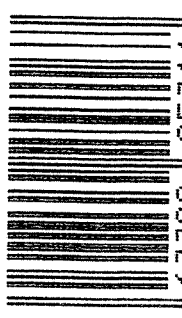
SERIAL NO.
C6594625

ORDER NO.
5716

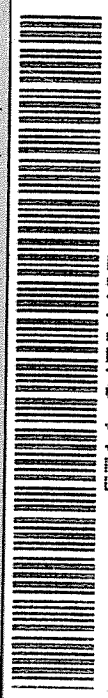
20

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

UPC



0 47700 25716 2



5716 C6594625

INTERCHANGEABILITY

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # **C6594625**

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	JS
617	Drill and Tap Sight Holes	1	10 91	LB
618	Polish Barrel	1	10 91	WB
620	Apply Coatings (Barrel Action)		1-26-91	JA
	Apply Coating (Bolt)			
625	Final Assembly		4/24/91	KS
	A) Clean inside of Bolt Assembly		4/24/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/24/91	KS
	C) Inspect Ejector Hole for Chamfer		4/24/91	KS
	D) Oil Firing Pin Ass'y		4/24/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		4/26/91	JA

op. #	OP. NAME	READINGS				DATE	INIT
625 cont.	F) Safety On Force	5	5	5		4/29/91	JK
	G) Safety Off Force	4	4	4		4/29/91	JK
	H) Trigger Pull Test & Retainability					4/22/91	JK
	I) Firing Pin Indent	.022	.022	.022		4/29/91	JK
	J) Assemble Stock					4/30/91	KS
	K) Assemble Swivel Studs					5-1-91	DH
	L) Attach Front and Rear Sight Assemblies					4/29/91	KS
	M) Iron Sight Alignment					4/29/91	KS
	N) Detach Front & Rear Sights & place in numbered container					4/29/91	KS
	O) Attach Scope to Rifle					4/29/91	KS
	P) Detach & Attach Scope 20 Times					4/29/91	KS
640	Gallery Target & Test					5-1-91	DH
	A) Time					5-1-91	DH
	B) Malfunctions					5-1-91	DH
	C) Pierced Primers					5-1-91	DH
	D) Optical Clarity of Scope					5-1-91	DH
645	Inspect for Live Ammo					5-1-91	DH
655	Final Inspection					5-1-91	DH
	A) Headspace					5-1-91	DH
	B) Trigger Pull	2.42	2.44	2.33	2.35	2.45	5/10/91
	C) Function					5-1-91	DH
660	Pack					6-19-91	KS

MOD. _____ GA. CAL. _____ GUN # 4625

#	DATE	MALFUNCTION/DEFECT	ASSEM. #
TEST	1st	Shaver brass and ejector sticks	AS
	2nd	Team Ejector hole	OK
	3rd	100 Rd 5-2-91 AC	
	4th		OK
		FUNCTION	RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF		
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6594625

DATE 4/26/91

TESTER JH.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.55	2.36	2.30	2.42	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.26	2.38	2.37	2.44	
PULL #3	2.52	2.45	2.39	2.33	
PULL #4	2.51	2.38	2.41	2.35	
PULL #5	2.31	2.39	2.42	2.45	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.28	3.29		
PULL #2	3.30	3.32		
PULL #3	3.15	3.39		
PULL #4	3.31	3.33		
PULL #5	3.34	3.33		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.33	4.53		4.14
PULL #2	4.30	4.52		4.26
PULL #3	4.53	4.22		4.20
PULL #4	4.44	4.31		4.33
PULL #5	4.51	4.22		4.33
TOTAL				
AVG.				

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594625
23 May 1991

CENTROIDAL DISTANCES

0 TO 1	.255392
1 TO 2	.418561
1 TO 3	.274765
1 TO 4	.406149
1 TO 5	.262774

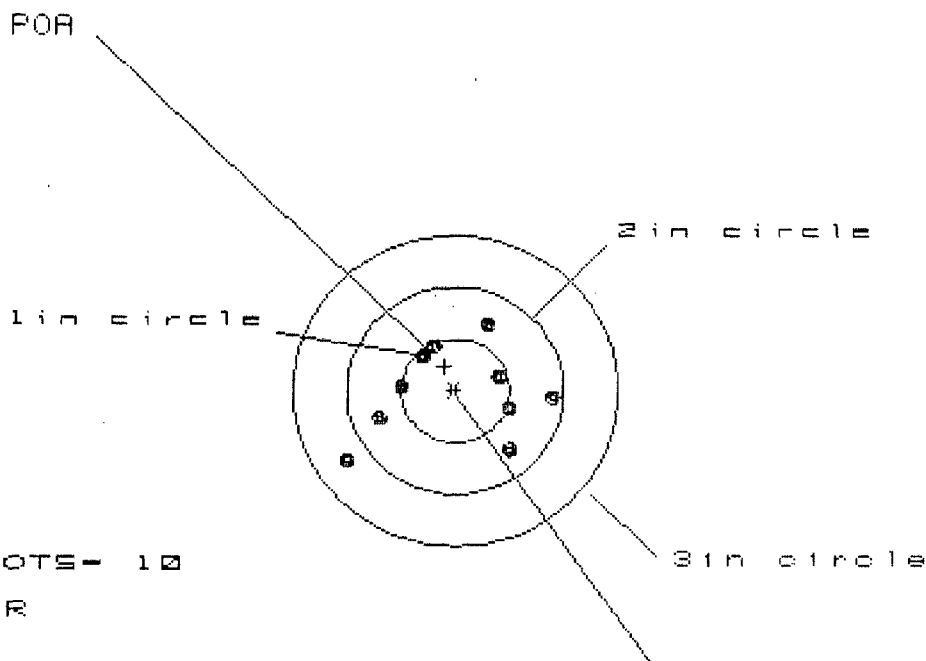
 <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0928
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0294
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0973458
THE AMP FOR THIS RIFLE IS: .7032

23 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594625.1

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 9

3 in = 10

HS- 1.809

VS= 1.310

GS= 1.906

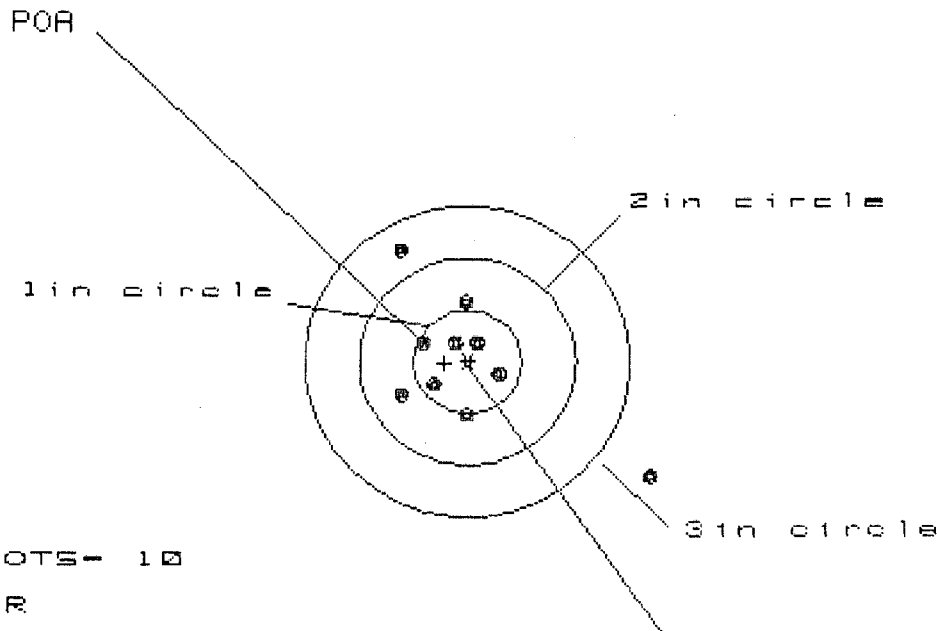
CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.858	.753	.493
MINIMUM X	:	-.951	-.779	-.685
MAXIMUM Y	:	.684	.615	.603
MINIMUM Y	:	-.626	-.634	-.646
CENTROID X	:	.100	.205	.111
CENTROID Y	:	-.235	-.166	-.154
POA TO CENTROID in.	:	.255	.264	.190
MIN RADIUS	:	.434	.313	.384
MEAN RADIUS	:	.659	.589	.561
MAX RADIUS	:	1.138	.857	.797
HORIZONTAL SPREAD	:	1.809	1.532	1.178
VERTICAL SPREAD	:	1.310	1.249	1.249
EXTREME SPREAD	:	1.906	1.554	1.359
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

23 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594625.1

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 5

2 in = 8

3 in = 9

HS= 2.379

VS= 2.178

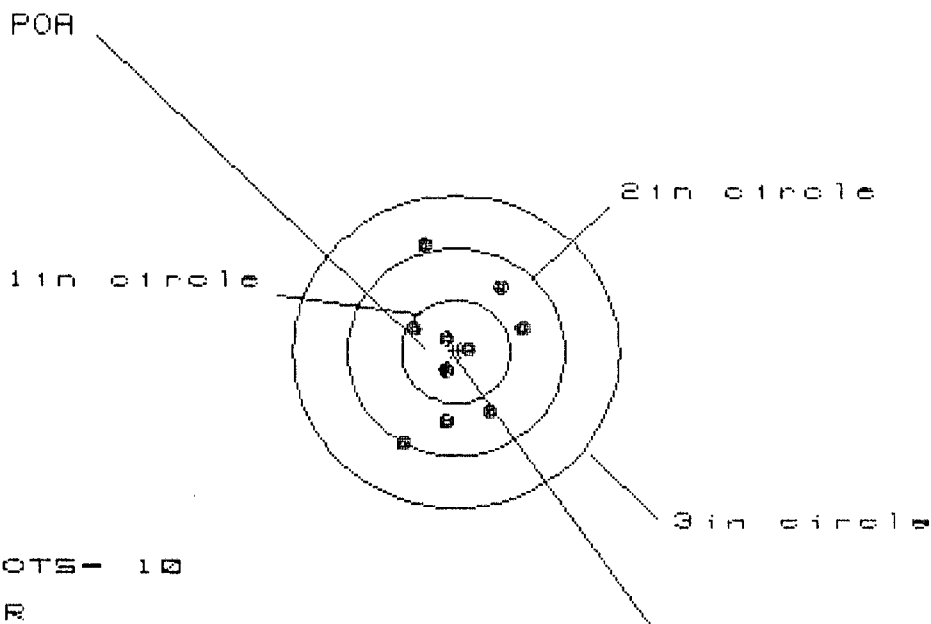
GS= 3.192

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.734	.468	.417
MINIMUM X	:	-.645	-.452	-.503
MAXIMUM Y	:	1.103	.983	.542
MINIMUM Y	:	-1.075	-.625	-.502
CENTROID X	:	.214	.021	.072
CENTROID Y	:	.015	.135	.012
POA TO CENTROID in.	:	.215	.136	.073
MIN RADIUS	:	.217	.127	.234
MEAN RADIUS	:	.665	.480	.403
MAX RADIUS	:	2.040	1.064	.615
HORIZONTAL SPREAD	:	2.379	.920	.920
VERTICAL SPREAD	:	2.178	1.608	1.044
EXTREME SPREAD	:	3.192	1.710	1.100
NUMBER IN ONE INCH CIRCLE	=	5		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	9		

23 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594625.1

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 8

3 in = 10

HS= 1.160

VS= 1.913

GS= 1.931

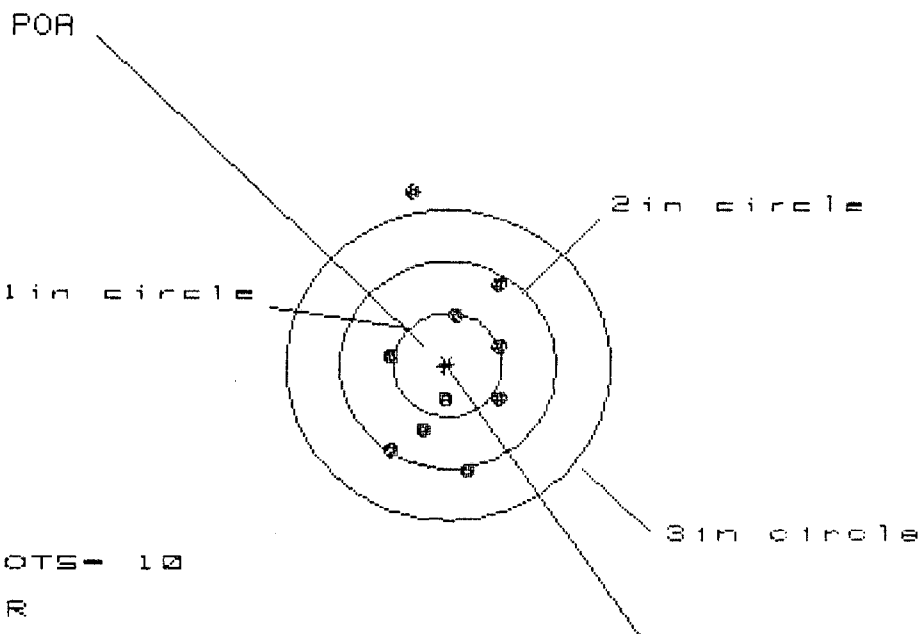
CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.638	.610	.541
MINIMUM X	-.522	-.550	-.464
MAXIMUM Y	1.034	.787	.692
MINIMUM Y	-.879	-.764	-.642
CENTROID X	.089	.117	.186
CENTROID Y	.171	.056	.151
POA TO CENTROID in.	.192	.130	.240
MIN RADIUS	.096	.150	.058
MEAN RADIUS	.575	.523	.462
MAX RADIUS	1.066	.941	.758
HORIZONTAL SPREAD	1.160	1.160	1.005
VERTICAL SPREAD	1.913	1.551	1.334
EXTREME SPREAD	1.931	1.808	1.421
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

23 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594625.1

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 1.043

VS= 2.759

GS= 2.800

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.481	.442	.453
MINIMUM X	-.562	-.601	-.590
MAXIMUM Y	1.698	.998	.889
MINIMUM Y	-1.061	-.872	-.714
CENTROID X	.029	.068	.057
CENTROID Y	.018	-.171	-.062
POA TO CENTROID in.	.034	.184	.084
MIN RADIUS	.360	.188	.287
MEAN RADIUS	.777	.639	.612
MAX RADIUS	1.735	1.087	.993
HORIZONTAL SPREAD	1.043	1.043	1.043
VERTICAL SPREAD	2.759	1.870	1.603
EXTREME SPREAD	2.800	1.906	1.906
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594625
1 May 1991

CENTROIDAL DISTANCES

//
0 TO 1 .496025
1 TO 2 .477074
1 TO 3 .818678
1 TO 4 .221551
1 TO 5 .518518

$\sigma_{x_1}^2$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1212
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .077
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .143591
THE AMR FOR THIS RIFLE IS: 1.19

1 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594625

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 6

HS= 3.072

VS= 3.635

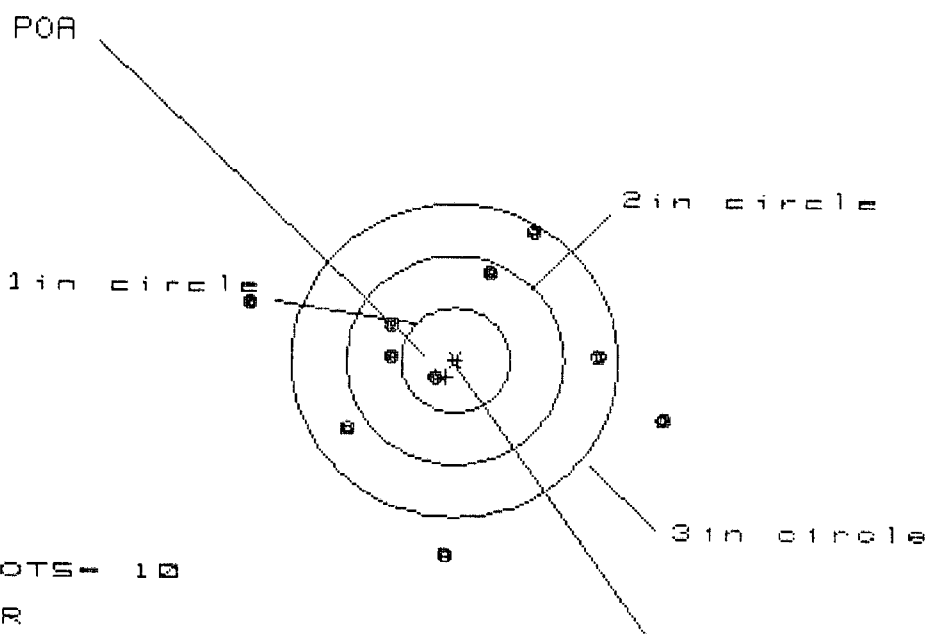
GS= 4.059

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.803	1.662	1.556
MINIMUM X	:	-1.269	-1.325	-1.431
MAXIMUM Y	:	1.608	1.383	1.111
MINIMUM Y	:	-2.027	-2.174	-1.062
CENTROID X	:	.485	.626	.732
CENTROID Y	:	-.104	.121	.393
POA TO CENTROID in.	:	.496	.637	.831
MIN RADIUS	:	.067	.332	.322
MEAN RADIUS	:	1.307	1.151	.962
MAX RADIUS	:	2.391	2.336	1.561
HORIZONTAL SPREAD	:	3.072	2.987	2.987
VERTICAL SPREAD	:	3.635	3.557	2.173
EXTREME SPREAD	:	4.059	3.599	3.026
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	6		

1 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8534625

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS = 3.829

VS = 3.089

GS = 3.979

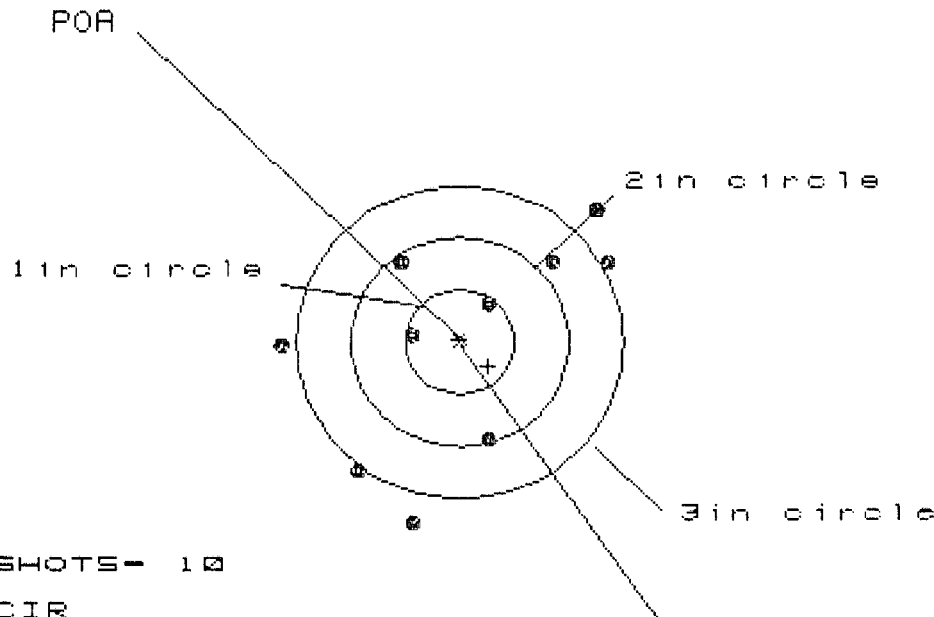
CENTROID *

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.963	1.549	1.343
MINIMUM X	:	-1.867	-1.648	-1.012
MAXIMUM Y	:	1.257	1.194	1.250
MINIMUM Y	:	-1.832	-1.895	-1.839
CENTROID X	:	.085	-.134	.073
CENTROID Y	:	.156	.219	.163
POA TO CENTROID in.	:	.177	.257	.178
MIN RADIUS	:	.255	.209	.249
MEAN RADIUS	:	1.231	1.091	1.038
MAX RADIUS	:	2.043	1.898	1.841
HORIZONTAL SPREAD	:	3.829	3.197	2.355
VERTICAL SPREAD	:	3.089	3.089	3.089
EXTREME SPREAD	:	3.979	3.227	3.202
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	7		

1 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594625

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 5

HS= 2.999

VS= 3.001

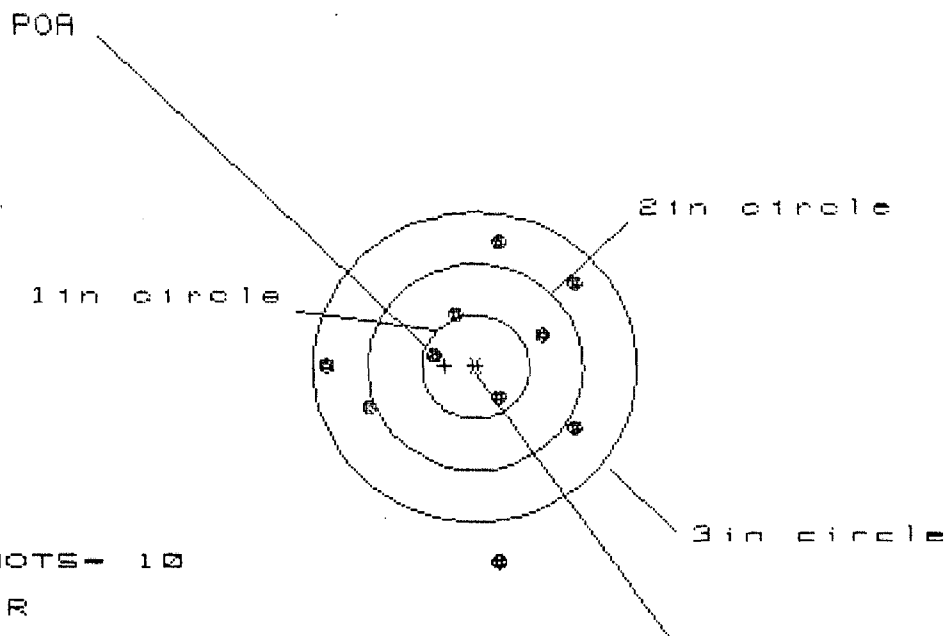
GS= 3.442

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.371	1.320	1.466
MINIMUM X	:	-1.628	-1.679	-1.533
MAXIMUM Y	:	1.242	1.046	.724
MINIMUM Y	:	-1.759	-1.445	-1.314
CENTROID X	:	-.262	-.211	-.357
CENTROID Y	:	.231	.427	.296
POA TO CENTROID in.	:	.350	.476	.464
MIN RADIUS	:	.414	.311	.314
MEAN RADIUS	:	1.235	1.141	1.085
MAX RADIUS	:	1.820	1.779	1.635
HORIZONTAL SPREAD	:	2.999	2.999	2.999
VERTICAL SPREAD	:	3.001	2.491	2.038
EXTREME SPREAD	:	3.442	3.329	3.117
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	5		

1 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594625

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in - 2

2in - 4

3in - 8

HS= 2.287

VS= 3.060

GS= 3.061

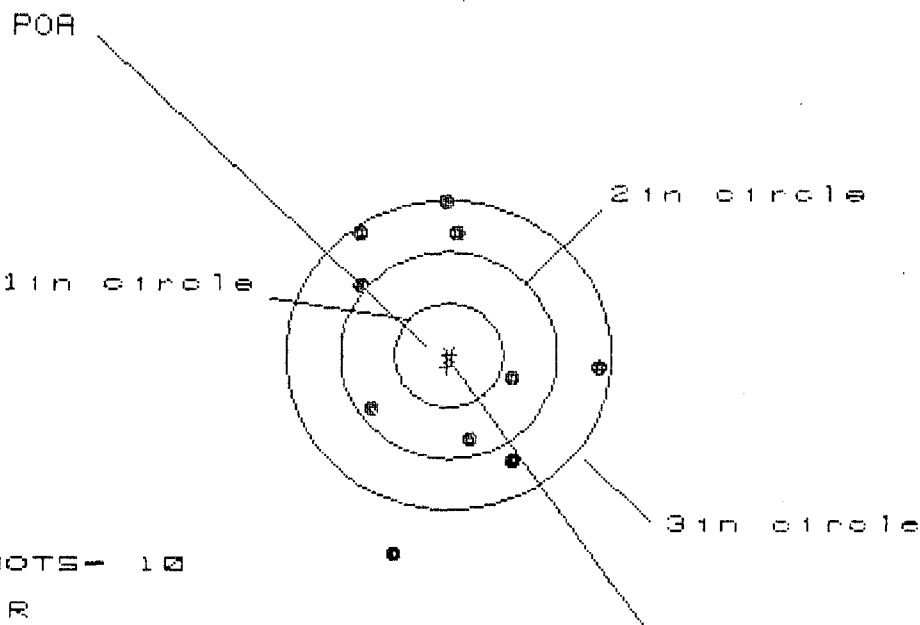
CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.897	.916	.745
MINIMUM X	:	-1.390	-1.371	-1.130
MAXIMUM Y	:	1.198	.991	.973
MINIMUM Y	:	-1.862	-.767	-.785
CENTROID X	:	.283	.264	.435
CENTROID Y	:	-.013	.194	.212
POA TO CENTROID in.	:	.283	.327	.484
MIN RADIUS	:	.336	.359	.438
MEAN RADIUS	:	.980	.858	.783
MAX RADIUS	:	1.870	1.379	1.296
HORIZONTAL SPREAD	:	2.287	2.287	1.875
VERTICAL SPREAD	:	3.060	1.758	1.758
EXTREME SPREAD	:	3.061	2.400	2.241
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

1 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594625

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 9

HS= 2.259

VS= 3.357

GS= 3.386

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.417	1.365	1.355
MINIMUM X	:	-.842	-.894	-.903
MAXIMUM Y	:	1.475	1.265	1.136
MINIMUM Y	:	-1.882	-1.200	-1.041
CENTROID X	:	.015	.067	.076
CENTROID Y	:	.115	.325	.166
POA TO CENTROID in.	:	.116	.331	.183
MIN RADIUS	:	.577	.638	.542
MEAN RADIUS	:	1.198	1.110	1.071
MAX RADIUS	:	1.940	1.396	1.390
HORIZONTAL SPREAD	:	2.259	2.259	2.259
VERTICAL SPREAD	:	3.357	2.465	2.177
EXTREME SPREAD	:	3.386	2.545	2.545
NUMBER IN ONE INCH CIRCLE	=	0	0	0
NUMBER IN TWO INCH CIRCLE	=	3	3	3
NUMBER IN THREE INCH CIRCLE	=	9	9	9

RECEIVING AND SHOT REPORT

COMMENTS

ORDER
R 97-06760

INITIAL CUSTOMER ORDER NO.

WOG 1 OF 3

JJM

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

03/20/97

03/20/97

BL 1-91

C6594625

700 7.62

NATO

ACCESSORIES

HARD CASE

SCOPE BASE

W/STUDS

FROM:

SHIP TO:

TRANSPORTATION OFFICER
ATTN AFZB-DL-TO-BLDG 873
FT CAMPBELL KY 42223TRANSPORTATION OFFICER
ATTN AFZB-DL-TO-BLDG 873
FT CAMPBELL KY 42223

CUST NO:087942 C.M.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

W52H097160 H545

PARTS

COMMENTS

96003 - Barrel

Repauder Coat - Trigger Guard Assy
Front & Rear Sight BasesRezin Scope Base & Survival
Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

RW

✓

✓

✓

✓

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

A

3/24/97

4/8/97

4/9/97

4/9/97

OFFICE COPY

RD6925 REV. 6/96

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400020550

U.S. GOVERNMENT FREIGHT WAYBILL

CARRIER'S
COPYB/L
NO. ► G-6579263

1. TRANSPORTATION COMPANY TENDERED TO TRI-STATE MOTOR TRANSIT CO.		2. SCAC TSMT	3. DATE B/L PREPARED 97.03.18	4. ROUTE ORDER/RELEASE NUMBER 7YBCAGDVOA
5. DESTINATION (Name, address and ZIP code) REMINGTON ARMS CO., INC. 14 HOEFLER AVENUE ILION, NY 13357		6. SPLC (Dest.) 172856000	8. ORIGIN STATION STATE TRANSPORTATION OFFICER FORT CAMPBELL KY ATTN: AFZB-DL-TO, BLDG 873 FORT CAMPBELL, KY 42223-1294	
9. CONSIGNEE (Name, address and ZIP code of installation) REMINGTON ARMS CO., INC. 14 HOEFLER AVENUE ILION, NY 13357		7. SPLC (Orig.) 297980251	11. SHIPPER (Name, address and ZIP code) TRANSPORTATION OFFICER FORT CAMPBELL KY ATTN: AFZB-DL-TO, BLDG 873 FORT CAMPBELL, KY 42223-1294 W34GNA	
12. APPROPRIATION CHARGEABLE 21 7202000000760202042000002217015056 FAAD00GBL		10. GBLOC (Cons.) IOOI CMAH2W	13. BILL CHARGES TO (Dept./agency, bureau/office mailing address and ZIP code) DEFENSE FINANCE AND ACCOUNTING SVC INDIANAPOLIS CENTER TRANSPORTATION OPS. (DFAS-I-THA) INDIANAPOLIS, IN 46249-0611 AGENCY LOC CODE W53QRD	
14. VIA (Route shipment when advantageous to the Government)				

15. MARKS AND ANNOTATIONS TP:3 DDD:97.03.22 FAAT-01-7073001-01

EQUIPMENT 1
DH: DROMEDARY WITH MECHANICAL RESTRAIN
... 1) INITIATING EXPL: N
DN: DUAL DRIVER PROTECTIVE SERVICE WIT
SM: DTT'S SATELLITE MOTOR SURVEILLANCE
(108) DUAL DRIVER PROTECTIVE SERVICE
WITH NATIONAL AGENCY CHECK REQUESTED.

SIGNATURE AND TALLY RECORD (DD FORM
1907) FURNISHED TO CARRIER.(11) SHIPPER TO LOAD AND CONSIGNEE TO
UNLOAD.

SEE DESCRIPTION OF ARTICLES

16. PACKAGES		17. HM	18. DESCRIPTION OF ARTICLES AND EXCEPTIONS	COMMODITY CODE NO.	19. WEIGHT* (Pounds only)	FOR USE OF BILLING CARRIER ONLY		
NO.	KIND					Services	Rate	Charges
1	PT		CLASSIFICATION ITEM NO. 146230 GUNS, MACHINE, OR PARTS, NOI, FOR USE OF SMALL ARMS AMMUNITITON, IN BOXES TCN: W81LDN70160003XXX CU:36.0 FAAD RIFLE, M24 SWS NSN: 1005-01-240-2136 DOC #W81LDN 7016 0003 XXX		200			
1	PT		MARKS & ANNOTATIONS: (112) FLAME OR HEAT PRODUCING TOOLS WILL NOT BE USED TO REMOVE SECURITY DEVICES. TOT QTY:200 P CU:36.0 SHIP AS-> SEE CONTINUATION SHEET FOR DETAILS		5000			
						TOTAL CHARGES		

20. TARIFF/SPECIAL RATE AUTHORITY TSMT 002173-00		21. PICKUP SERV. FURNISHED ☐ YES VEHICLE FULLY LOADED ☐ YES		SHIPPER'S INITIALS	22. CARRIER WAY/FREIGHT BILL NO. AND DATE ...		
23. STOP THIS SHIPMENT AT FOR:		24. FURNISH INFORMATION ON CAR/TRUCKLOAD/CONTAINER SHIPMENTS					
		INITIALS & NO.	SEAL NUMBERS	LENGTH/CUBE		MARKED CAPACITY	DATE FURNISHED
		TSMT:721	0790317 0790310 APPLIED BY: SH	ORDERED	FURNISHED	ORDERED AD6	FURNISHED AD6 97.03.18
25. CARRIER'S PICKUP DATE (Year, month, & day) 97.03.18		26a. SIGNATURE OF AGENT		26b. PER TSMT		B/L NUMBER G-6579263	
27. MODE B	28. ESTIMATE 1958	29. NO. OF CLS/TLS 1	30. TYPE RATE 1	31. PSC DN:SM	32. REASON		
WEIGHED AT							
GROSS					TARE ALLOWANCE NET		

FOR USE OF ISSUING OFFICE			
33a. ISSUING OFFICE (Name and complete address) TRANSPORTATION OFFICER FORT CAMPBELL KY ATTN: AFZB-DL-TO, BLDG 873 FORT CAMPBELL, KY 42223-1294			
33b. GBLOC FAAT			
33c. ISSUING OFFICER MICHAEL F. BOWERS, CHIEF, ITO			
33d. CONTRACT/PURCHASE ORDER NO. OR OTHER AUTHORITY		33e. DATED	
33f. FOB POINT NAMED IN CONTRACT			

*Show also cubic measurements for shipments via
air, truck or water carrier in cases where required.

1106-121-01

WHITE

STANDARD FORM 1106-1P (EFF. 6/96)
PRESCRIBED BY GSA, FPMR(41 CFR) 101-41.3CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400020551

U.S. GOVERNMENT FREIGHT WAYBILL CONTINUATION SHEET

CARRIER'S
COPY

B/L
NO. **G-6579263**
SHEET NO. **2 OF 2**

(This form is to be used as a continuation sheet for SF 1106, U.S. Government Freight Waybill- Carrier's copy, or SF 1206, U.S. Government Freight Waybill- Privately Owned Personal Property- Carrier's Copy.)

ISSUING OFFICE (Name and complete address)

TRANSPORTATION OFFICER
FORT CAMPBELL KY
ATTN: AFZB-DL-TO, BLDG 873
FORT CAMPBELL, KY 42223-1294

TRANSPORTATION COMPANY TENDERED TO

TRI-STATE MOTOR TRANSIT

FROM(Shipping Point)

W34GNA
297980251

WAYBILL DATE

WAYBILL NUMBER

PACKAGES		HM	DESCRIPTION OF ARTICLES (Use carrier's classification or tariff description if possible; otherwise use a clear nontechnical description.)	WEIGHT* (Pounds only)	FOR USE OF BILLING CARRIER ONLY		
NO.	KIND				SERVICES	RATE	CHARGES
			(114) CARRIER TO NOTIFY CONSIGNEE REMINGTON ARMS (DUTY PHONE (315) 894-9961 AV- - , NON-DUTY PHONE (757) 878-5006) AND CONSIGNOR TRANSPORTATION OFFICER, FT CAMPBELL KY (DUTY PHONE (502) 798-7154 AV-635-7154, NON-DUTY PHONE (502) 798-9793) IMMEDIATELY IF SHIPMENT IS DELAYED EN ROUTE BECAUSE OF AN ACCIDENT OR INCIDENT. IF NEITHER CAN BE REACHED, CONTACT THE AC AT HOTLINE (876) 878-7687. USE HOTLINE NUMBER TO OBTAIN SAFE HAVEN OR REFUGE INSTRUCTIONS IN THE EVENT OF A CIVIL DISORDER, NATURAL DISASTER, CARRIER STRIKE OR OTHER EMERGENCY. (337) SATELLITE MOTOR SURVEILLANCE SERVICE (SM) REQUESTED. IN EVENT OF SYSTEM FAILURE, DRIVER MUST IMMEDIATELY NOTIFY THE MOTOR CARRIER'S DISPATCHER WHO WILL IMMEDIATELY NOTIFY DTTS AT 1-(800)-826-0794. THE DRIVER MUST SUBSEQUENTLY PROVIDE DTTS A TELEPHONIC LOCATION/STATUS REPORT EVERY FOUR (4) HOURS, WITH A FINAL TELEPHONIC REPORT UPON DELIVERY AT DESTINATION. (339) DROMEDARY SERVICE REQUESTED. (367) THIS SHIPMENT MUST NOT BE TRANSPORTED IN TRIP-LEASED EQUIPMENT. THIS IS A DTTS SHIPMENT!				
=====			BLOCK 24 EQUIPMENT DESCRIPTION CONT.:				
			TRACTOR: 960				

*Show also cubic measurements for shipments via air,
truck or water carrier in cases where required.

1112-114

WHITE

STANDARD FORM 1112, (REV. 4-85)
PRESCRIBED BY GSA, FPMR(41 CFR) 101-41.3

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400020552

SIGNATURE AND TALLY RECORD

FORM APPROVED
OMB No. 0702-0027
Expires Oct 31, 1988

DISTRIBUTION INSTRUCTIONS

- * The SHIPPER will prepare copies 1 through 4, retain copy 4 and deliver copies 1 through 3 to the Origin Carrier.
- * The CARRIER will deliver copies 1 through 3 to the Destination Carrier.
- * The DESTINATION CARRIER will attach copy 1 (reflecting all signatures) and Standard Form 1113 (Public Voucher for Transportation Charges) to the original Government Bill of Lading, and forward for payment. Copy 2 will be delivered to the Consignee. Copy 3 will be retained.
- * The CONSIGNEE will ensure Destination Carrier surrenders copy 2.

SECTION A - To be completed by the SHIPPER

1. SHIPPER		2. PROTECTIVE SERVICE REQUESTED	
a. NAME FORT CAMPBELL KY W34GNA		DN DUAL DRIVER PROTECTIVE SERVICE WITH NAC SM DTTS SATELLITE MOTOR SURVEILLANCE SERVICE	
b. ORIGIN TRANSPORTATION OFFICER FORT CAMPBELL KY ATTN: AFZB-DL-TO, BLDG 873 FORT CAMPBELL, KY 42223-1294		3. GBL OR CBL NUMBER G-6579263	
4. CONSIGNEE		5. PERMIT NUMBER (if any)	
a. NAME REMINGTON ARMS CO CMAH2W			
b. DESTINATION REMINGTON ARMS CO., INC. 14 HOEFLER AVENUE ILION, NY 13357		6. TRANSPORTATION CONTROL NUMBER (FAAT-01-7073001 -01) W81LDN70160003XXX	
7. ROUTING TRI-STATE MOTOR TRANSIT CO.		8. WEIGHT 200 POUNDS	9. CUBE 36.0
10. SPECIAL INSTRUCTIONS		11. DATE SHIPMENT TENDERED TO CARRIER 97.03.18	12. NAME OF CARRIER TSMT
13. NUMBER OF PIECES 1	14. TYPE OF PACKAGE(S) (For unsealed loads only) OR CONVEYANCE IDENTIFICATION & SEAL NUMBERS (for sealed loads only) TSMT-721 0790317 0790310	15. FREIGHT CLASSIFICATION DESCRIPTION 146230 GUNS, MACHINE, OR PARTS, NOI, FOR USE OF SMALL ARMS AMMUNITITON, IN BOXES	

SECTION B - To be completed by each person accepting custody of classified or protected material requiring the use of transportation protective service during transit.

16. CUSTODY RECORD

a. PRINT NAME OF PERSON AND COMPANY REPRESENTED	b. STATION INTERCHANGE POINT DESTINATION	c. SIGNATURE OF PERSON ACCEPTING CUSTODY	d. TIME ACCEPTED	e. DATE ACCEPTED
J Thornsberry	F+ Campbell KY	J Thornsberry	1500	3-18-97
C Thornsberry	F+ Campbell KY	C Thornsberry	1500	3-18-97
e martin tsmt	ilion ny	e martin	2100	3-19-97
R McKen	"	R McKen	2145	3-19-97
S McKen	"	S McKen	2145	3-19-97
F.E. Martin	Rem Arms Co	Fred E Martin	0915	3/20/97

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6594625
24 Apr 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0132
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.21
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .210414

THE AMR FOR THIS RIFLE IS: 1.203

CENTROIDAL DISTANCES

Ø TO	1	.261283
1 TO	2	.268337
1 TO	3	.557073
1 TO	4	.169867
1 TO	5	.442477

5
4 + <----POA
1
2 3

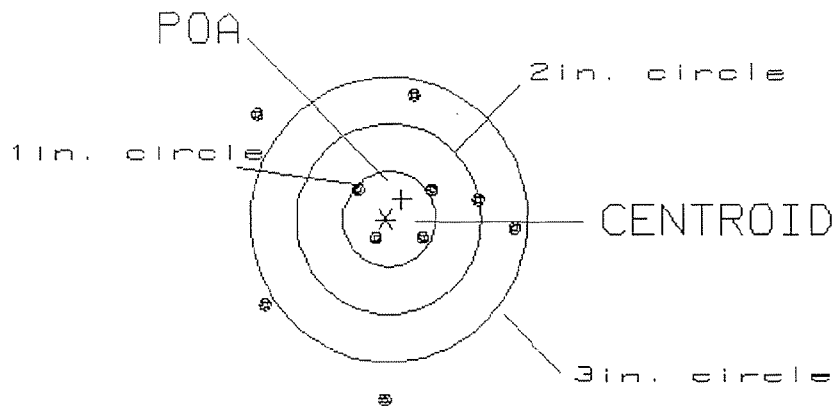
PATTERN #: 010

POA TO CENTROID: .261
 MIN RADIUS : .229
 MEAN RADIUS : 1.074
 MAX RADIUS : 1.875
 CENTROID X : -.162
 CENTROID Y : -.205

24 Apr 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6594625

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.88
 VS= 3.21
 GS= 3.30

3
 5
 7

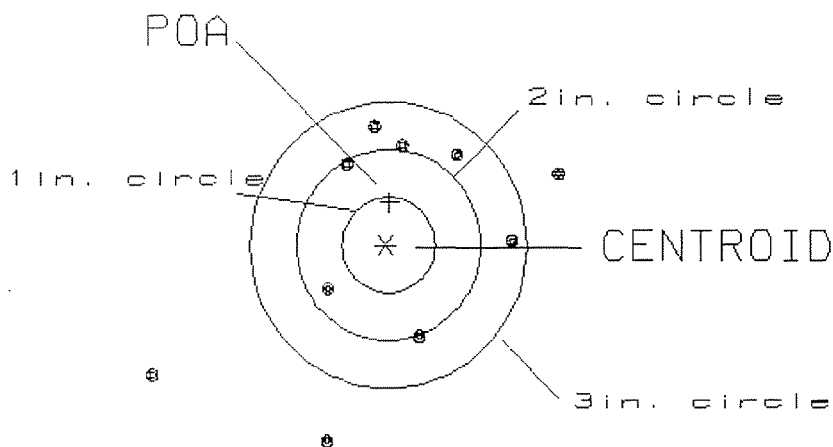
PATTERN #: 020

POA TO CENTROID: .446
 MIN RADIUS : .753
 MEAN RADIUS : 1.444
 MAX RADIUS : 2.871
 CENTROID X : -.040
 CENTROID Y : -.444

24 Apr 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6594625

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 4.34

0

VS= 3.21

2

GS= 4.81

7

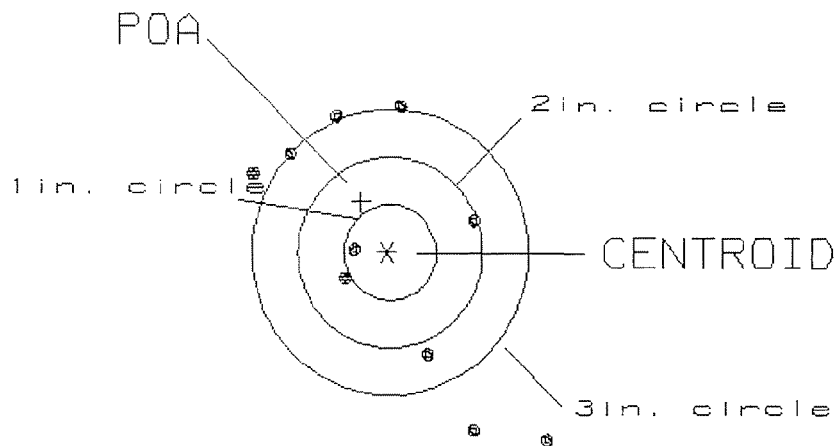
PATTERN #: 3

POA TO CENTROID: .605
 MIN RADIUS : .343
 MEAN RADIUS : 1.401
 MAX RADIUS : 2.603
 CENTROID X : .289
 CENTROID Y : -.532

24 Apr 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6594625

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.24
 VS= 3.50
 GS= 4.29

1
 3
 5

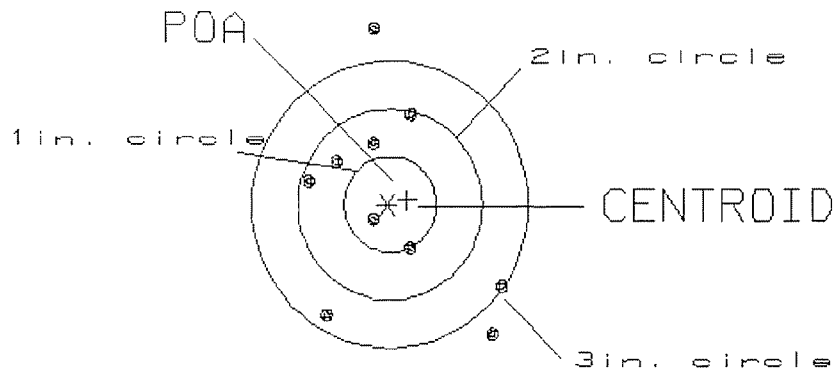
PATTERN #: 4

POA TO CENTROID: .221
 MIN RADIUS : .185
 MEAN RADIUS : 1.033
 MAX RADIUS : 1.829
 CENTROID X : -.216
 CENTROID Y : -.045

24 Apr 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6594625

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.11
 VS= 3.21
 GS= 3.46

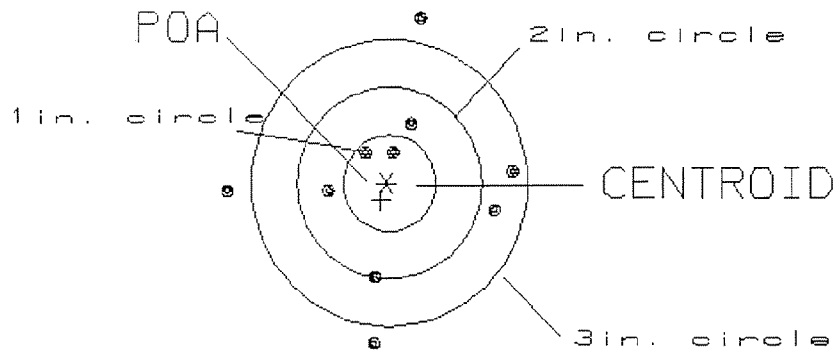
2
 6
 7

PATTERN #: 5
 POA TO CENTROID: .187
 MIN RADIUS : .300
 MEAN RADIUS : 1.064
 MAX RADIUS : 1.790
 CENTROID X : .063
 CENTROID Y : .176

24 Apr 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6594625

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.03

2.

VS= 3.41

5

GS= 3.45

7

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

Barrel

R&E NO.

SERIAL NO.

C6594625

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<i>3/24/97</i>	<i>RW</i>
605	CHECK HEADSPACE		
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	<i>4-9-97</i>	<i>A</i>
655	FINAL INSPECT		
660	PACK		
QAR INSPECTION		SHIP DATE	

Final Inspection

Sn: C6594625

DATE REC'D: 3/20/97

DATE RET'D:

AUDITOR: RW

Item:

Barrel Assy.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

Scope Assy.

☐ Scope☐ Scope Rings☒ Mounting Screws☒ Mounting Base☐ Screws☐ Finish☐ Looseness☐ CLARITY

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

☒ STOCK☒ SLING SWIVEL STUDS☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

Systems Case

☐ Scope Case☐ IRON SIGHTS☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SET

Comments:

NMP COPY 2

