

C6594572

MODEL 760™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Aims Services Repair & Estimate System

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

Repair Inquiry

Repair Number: **RE00038548** Serial: C6594572 Model: 700 Center Fire Caliber: 7.62 NATO M24 SWS WOGS 6 of 18 Repairman: Status: Closed 1/2/02 9:06:10 AM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: **HECTOR M ROCA** **HECTOR M ROCA**

Address 1: **BCD 3RD SFG A** **BCD 3RD SFG A**

Address 2: **PO Box** **PO Box**

City: **FORT BRAGG** **FORT BRAGG**

State: **NC** Zip Code: **9104323918** Country: **US** State: **NC** Zip Code: **9104323918** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: **910 432 3918**

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSF Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	2
A017	Scope Base	1

Repair Search Refresh Close

nagler 1/2/02 10:21 AM CAPS NUM INS SCFL

Start nbo. Calc. Scat. SW. tra. Ar. Print. 10:21 AM

Serial Number: **C6594572**

Model: **700**



RE00038548

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594572.___0
FILE DATE AND TIME: 01/11/2002 04:00

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.101
The Average Y Centroid of the Five Target Set:	0.114
The Average Point of Impact of the Five Target Set:	0.152
The Average Mean Radius of the Five Target Set:	0.871
The Distance from POA to Centroid Target #1:	0.228
The Distance from Centroid Target #2 to Centroid Target #1:	0.551
The Distance from Centroid Target #3 to Centroid Target #1:	0.216
The Distance from Centroid Target #4 to Centroid Target #1:	0.180
The Distance from Centroid Target #5 to Centroid Target #1:	0.141

SERIAL NUMBER: C6594572. __0

TARGET NUMBER: 1

FILE DATE: 01/11/2002

FILE TIME: 04:00

X CENTROID: 0.228

Y CENTROID: -0.007

POA TO CENTROID: 0.228

HORZ SPREAD: 1.406

VERT SPREAD: 2.110

GROUP SPREAD: 2.143

MIN RADIUS: 0.188

MAX RADIUS: 1.290

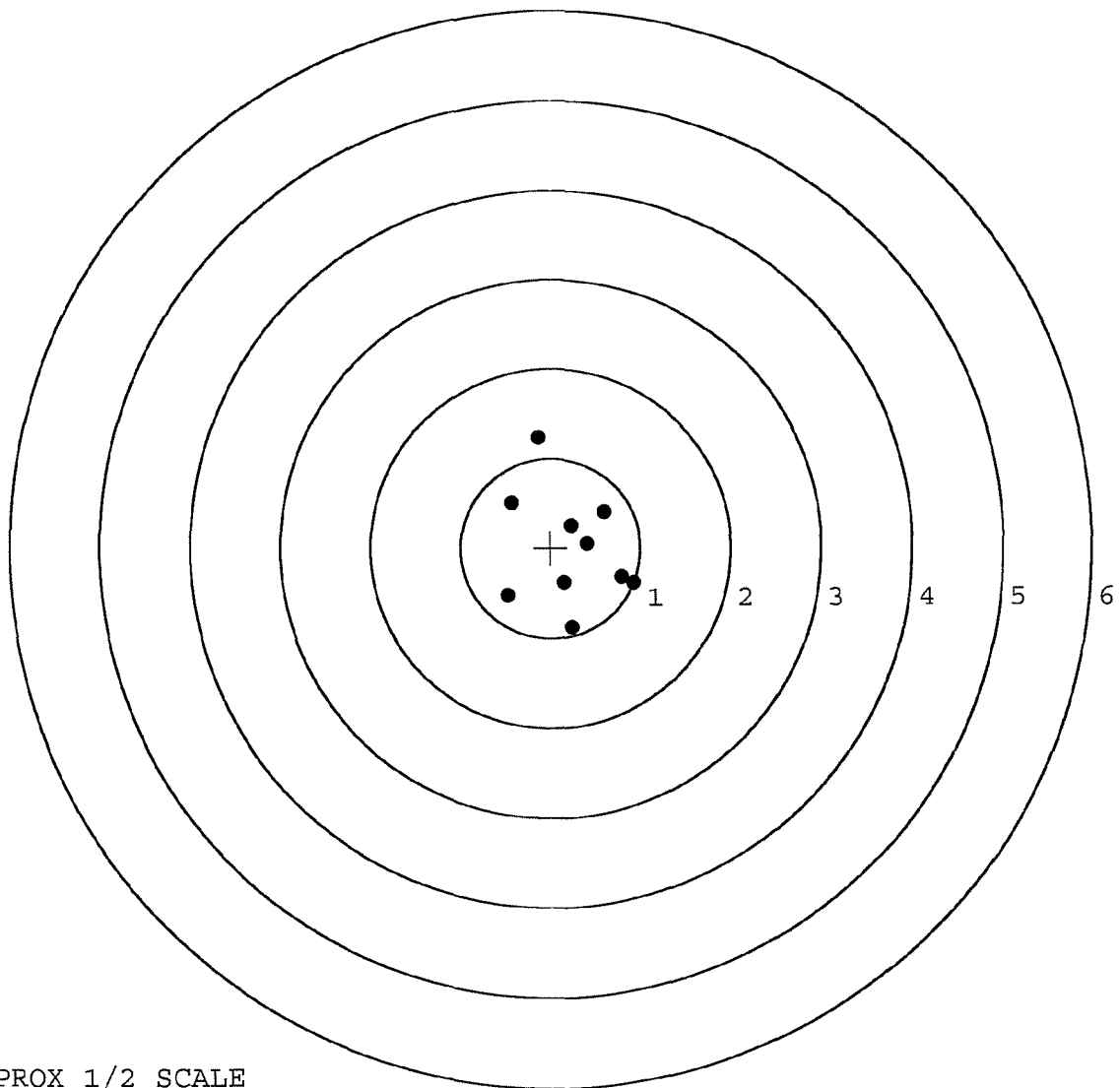
MEAN RADIUS: 0.671

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.482	-0.528
2:	0.147	-0.385
3:	0.238	-0.880
4:	0.924	-0.393
5:	0.408	0.048
6:	0.594	0.406
7:	0.232	0.252
8:	-0.435	0.503
9:	-0.136	1.230
10:	0.789	-0.324

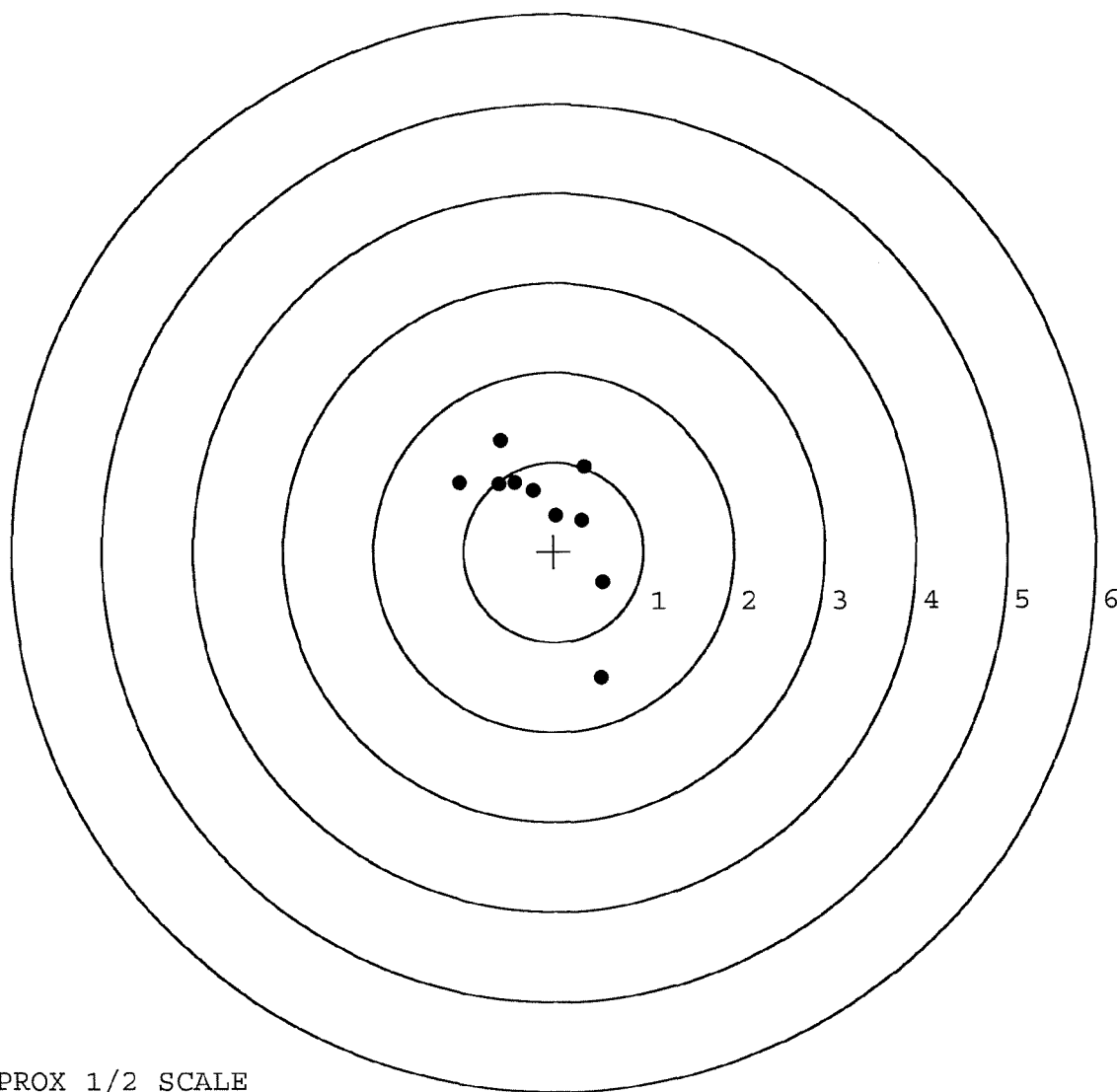


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594572. __0
TARGET NUMBER: 2
FILE DATE: 01/11/2002
FILE TIME: 04:00

X CENTROID: -0.117
Y CENTROID: 0.422
POA TO CENTROID: 0.438
HORZ SPREAD: 1.588
VERT SPREAD: 2.649
GROUP SPREAD: 2.872
MIN RADIUS: 0.142
MAX RADIUS: 1.930
MEAN RADIUS: 0.753
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.523	-1.398
2:	0.542	-0.345
3:	0.341	0.956
4:	0.308	0.356
5:	0.024	0.406
6:	-0.230	0.682
7:	-0.440	0.776
8:	-0.610	0.766
9:	-0.587	1.251
10:	-1.046	0.772

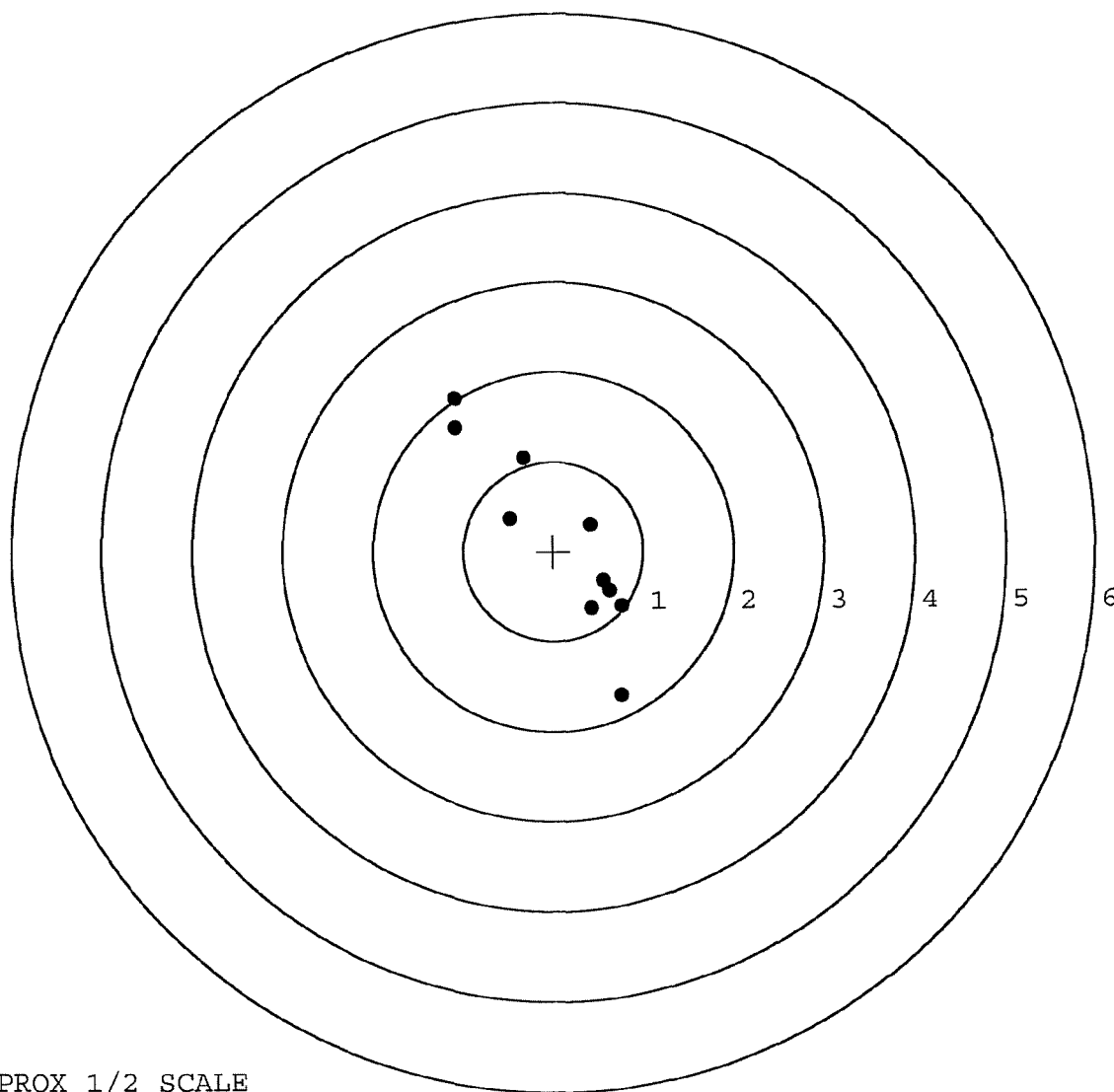


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594572. __0
TARGET NUMBER: 3
FILE DATE: 01/11/2002
FILE TIME: 04:00

X CENTROID: 0.052
Y CENTROID: 0.119
POA TO CENTROID: 0.130
HORZ SPREAD: 1.848
VERT SPREAD: 3.308
GROUP SPREAD: 3.785
MIN RADIUS: 0.405
MAX RADIUS: 1.957
MEAN RADIUS: 1.083
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.747	-1.602
2:	0.422	-0.638
3:	0.756	-0.610
4:	0.558	-0.321
5:	0.413	0.303
6:	-0.487	0.372
7:	-0.330	1.041
8:	-1.090	1.374
9:	-1.092	1.706
10:	0.625	-0.436



TARGET APPROX 1/2 SCALE

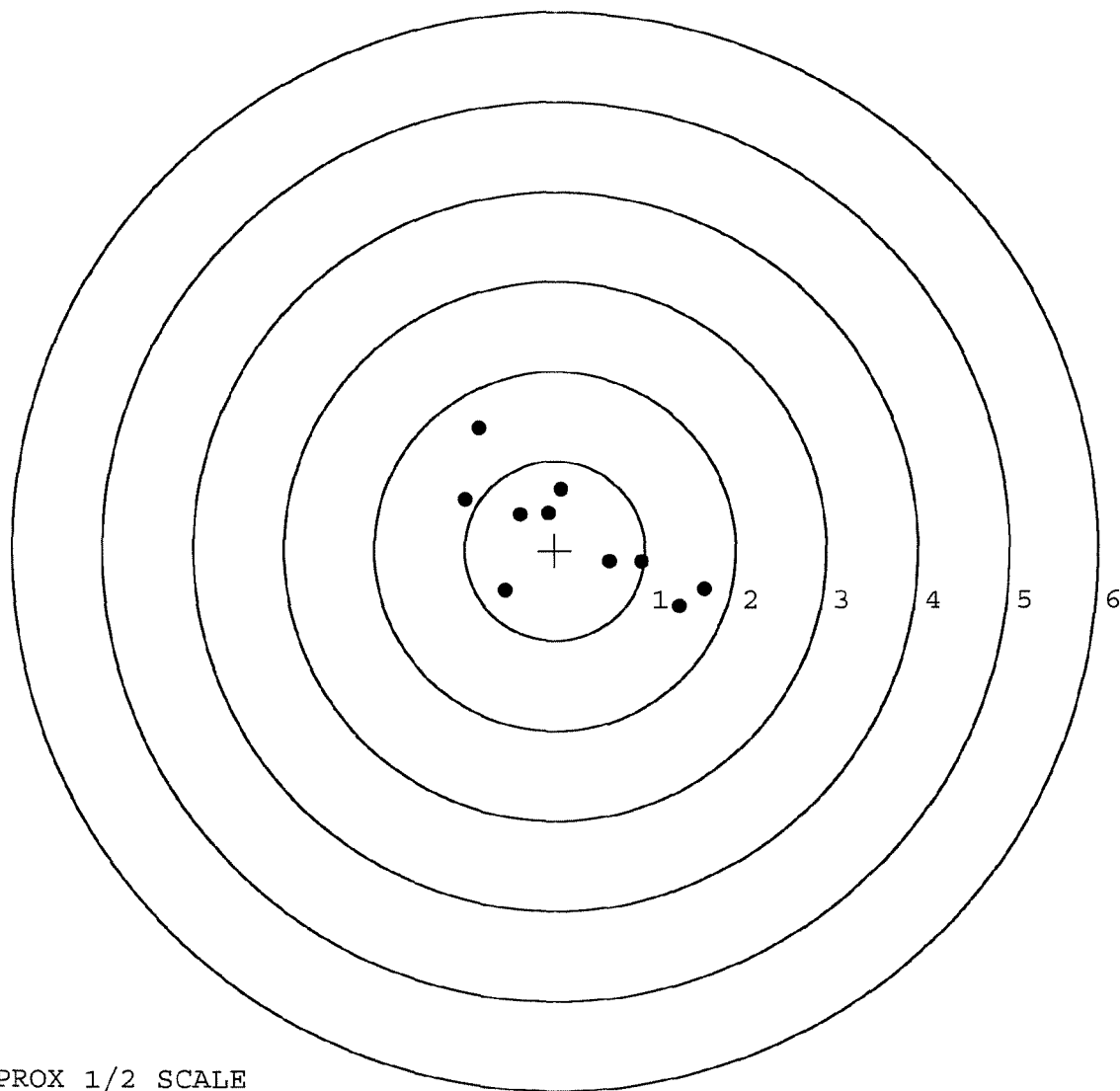
SERIAL NUMBER: C6594572. __0

TARGET NUMBER: 4

FILE DATE: 01/11/2002

FILE TIME: 04:00

		POINT#	X	Y
		1:	-0.555	-0.449
		2:	-1.000	0.564
		3:	-0.845	1.370
		4:	-0.391	0.394
X CENTROID:	0.181	5:	-0.075	0.417
Y CENTROID:	0.166	6:	0.068	0.681
POA TO CENTROID:	0.246	7:	0.613	-0.126
HORZ SPREAD:	2.659	8:	0.961	-0.129
VERT SPREAD:	1.995	9:	1.378	-0.625
GROUP SPREAD:	3.086	10:	1.659	-0.434
MIN RADIUS:	0.359			
MAX RADIUS:	1.595			
MEAN RADIUS:	0.967			
# IN 1 IN DIAMETER:	1			
# IN 2 IN DIAMETER:	6			
# in 3 IN DIAMETER:	8			

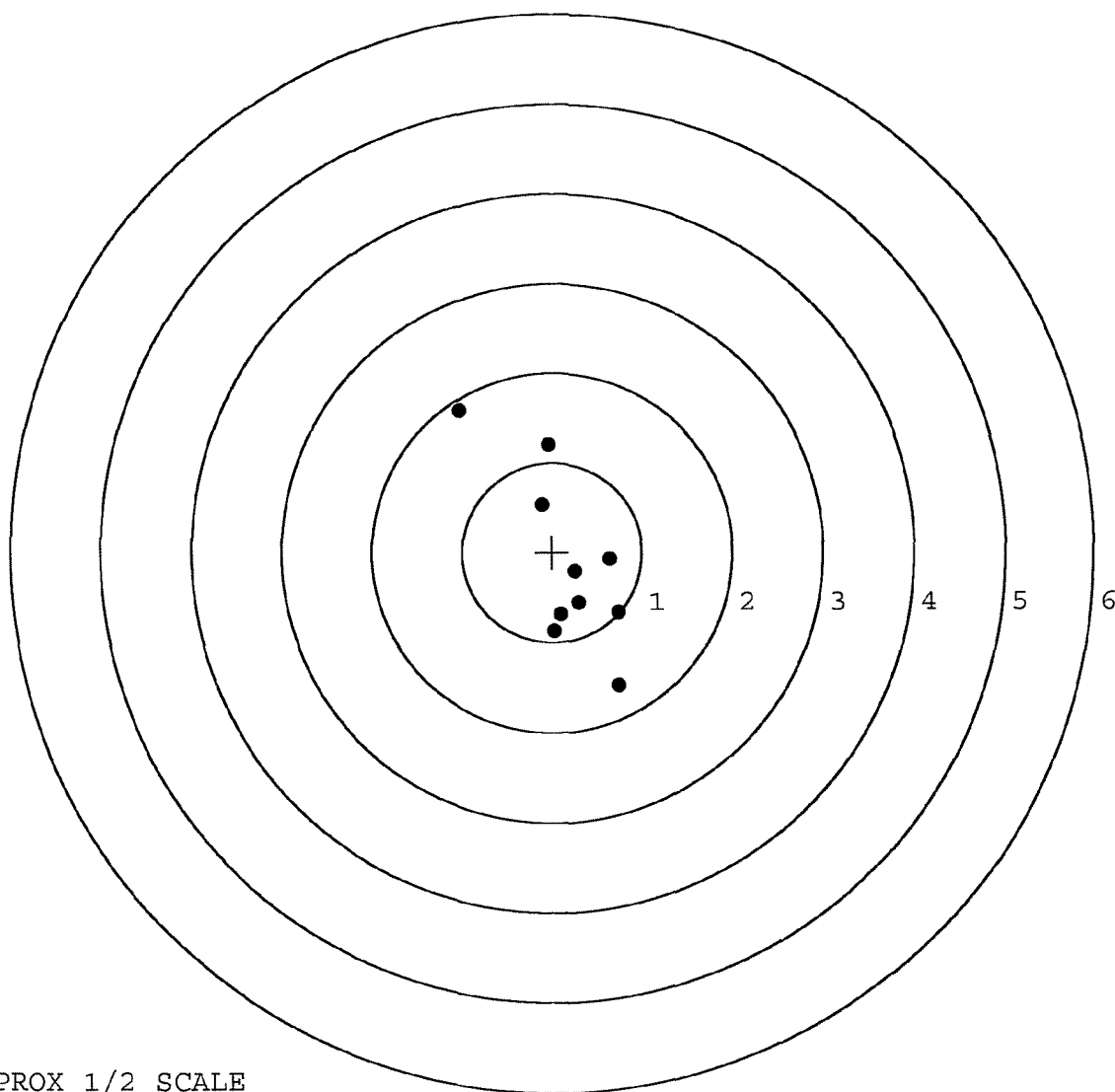


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594572. __0
TARGET NUMBER: 5
FILE DATE: 01/11/2002
FILE TIME: 04:00

X CENTROID: 0.159
Y CENTROID: -0.130
POA TO CENTROID: 0.205
HORZ SPREAD: 1.779
VERT SPREAD: 3.054
GROUP SPREAD: 3.534
MIN RADIUS: 0.131
MAX RADIUS: 2.077
MEAN RADIUS: 0.881
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.741	-1.486
2:	0.021	-0.883
3:	0.094	-0.698
4:	0.294	-0.561
5:	0.738	-0.669
6:	0.643	-0.077
7:	0.257	-0.217
8:	-0.118	0.533
9:	-0.043	1.194
10:	-1.038	1.568



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER <u>R 38548</u>			
SERIAL NUMBER <u>C6594572</u>			
LOG-IN DATE <u>1/2/02</u>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1/2/02	RW
560 A	RE-BARREL AT CUSTOM SHOP	1-3-02	BWT
B	DRILL AND TAP	1-3-02	BWT
C	POLISH		
575	ASSEMBLE	1-4-02	AC
600	PROOF	1-4-02	AC
605	CHECK HEADSPACE	1-4-02	AC
610	DIS-ASSEMBLE GUN	1-4-02	AC
612	MAGNAFLUX	OPERATOR AC	
615	ROLLMARK CALIBER	1-7-02	AB
618	ROTO-BLAST	1/7	HO
620	APPLY COATINGS	1/7	HP
625 A	FINAL ASSEMBLY	1-9-02	BR
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	NTA	
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	1-11-02	AC
655	FINAL INSPECT	1-12-02	BR
660	PACK	1-12-02	BA
		SHIP DATE	
		QAR INSPECTION DATE	




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

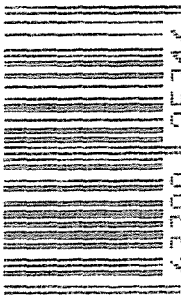
MODEL 700TH H24

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

SERIAL NO.
C6594572

ORDER NO.
5716

UPC



0 47700 25716 2



5716 C6594572

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594572

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1228	90	RW
600	Proof	1228	90	RW
607	Check Headspace	1228	90	RW
610	Dis-assemble Gun	1228	90	RW
612	Magnaflux Barrel Action		1-17-91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	LS
617	Drill and Tap Sight Holes	1 10	91	FB
618	Polish Barrel	1 10	91	WB
620	Apply Coatings (Barrel Action)		1-18-91	TS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/28/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/28/91	RW
	C) Inspect Ejector Hole for Chamfer		1/28/91	RW
	D) Oil Firing Pin Ass'y		1/28/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1-31-91	RL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/4	4 1/4	4 1/4			1/31/91	WB
	G) Safety Off Force	2	2	2			1/31/91	WB
	H) Trigger Pull Test & Retainability						1/31/91	JY
	I) Firing Pin Indent	.0215	.0225	.022			1/31/91	WB
	J) Assemble Stock						2/8/91	RW
	K) Assemble Swivel Studs						2-22-91	Dr
	L) Attach Front and Rear Sight Assemblies						2/8/91	RW
	M) Iron Sight Alignment						2/8/91	RW
	N) Detach Front & Rear Sights & place in numbered container						2/8/91	RW
	O) Attach Scope to Rifle						2/8/91	RW
	P) Detach & Attach Scope 20 Times						2/8/91	RW
640	Gallery Target & Test						2-8-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						2-8-91	N
655	Final Inspection							
	A) Headspace						2-22-91	Dr
	B) Trigger Pull	2.28	2.25	2.19	2.28	2.23	2/19/91	WB
	C) Function						2-22-91	Dr
660	Pack						3/14/91	WB

SWS TRIGGER PULL TEST

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

SERIAL NO. C6594572
DATE 1-31-91
TESTER JG

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.41	2.38	2.28	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE. LESS THAN 2#
PULL #2	2.25	2.11	2.44	2.25	
PULL #3	2.45	2.29	2.48	2.19	
PULL #4	2.22	2.34	2.42	2.28	
PULL #5	2.44	2.33	2.36	2.23	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.44	3.24		
PULL #2	3.40	3.39		
PULL #3	3.24	3.18		
PULL #4	3.22	3.33		
PULL #5	3.42	3.38		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX. SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.45	4.40		4.26
PULL #2	4.37	4.50		4.12
PULL #3	4.49	4.30		4.26
PULL #4	4.43	4.21		4.28
PULL #5	4.40	4.10		4.25
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594572
9 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.25318
1 TO	2	.109932
1 TO	3	.280644
1 TO	4	.190434
1 TO	5	.4228

50 4 <----POA

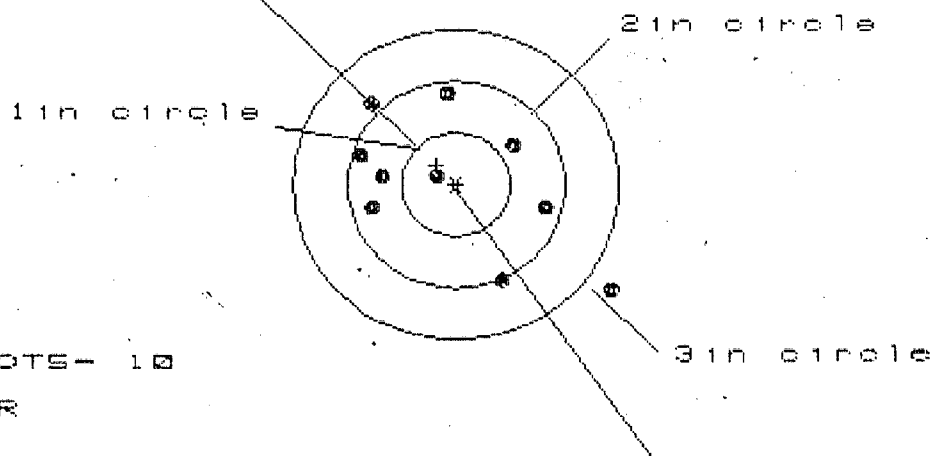
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0398
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.05
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0639065
THE AMR FOR THIS RIFLE IS: .8322

9 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594572

CENTERFIRE PATTERNS # 1

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 9

HS= 2.315

VS= 1.948

GS= 2.815

CENTROID *

PATTERN #	:	11		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.449	1.004	1.078
MINIMUM X	:	-.866	-.705	-.631
MAXIMUM Y	:	.913	.798	.664
MINIMUM Y	:	-1.035	-1.075	-.496
CENTROID X	:	.176	.015	-.059
CENTROID Y	:	-.182	-.067	.067
POA TO CENTROID in.	:	.253	.069	.089
MIN RADIUS	:	.179	.043	.191
MEAN RADIUS	:	.888	.740	.670
MAX RADIUS	:	1.780	1.226	1.170
HORIZONTAL SPREAD	:	2.315	1.709	1.709
VERTICAL SPREAD	:	1.948	1.873	1.160
EXTREME SPREAD	:	2.815	2.059	1.841
NUMBER IN ONE INCH CIRCLE	:	1	1	1

9 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594572

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 1.744

VS= 2.196

GS= 2.261

CENTROID #

PATTERN #

02

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.127

1.059

.829

MINIMUM X

-.617

-.582

-.450

MAXIMUM Y

.957

.819

.827

MINIMUM Y

-1.239

-.857

-.849

CENTROID X

.119

.187

.055

CENTROID Y

-.088

.050

.042

POA TO CENTROID in.

.147

.194

.069

MIN RADIUS

.225

.174

.294

MEAN RADIUS

.802

.732

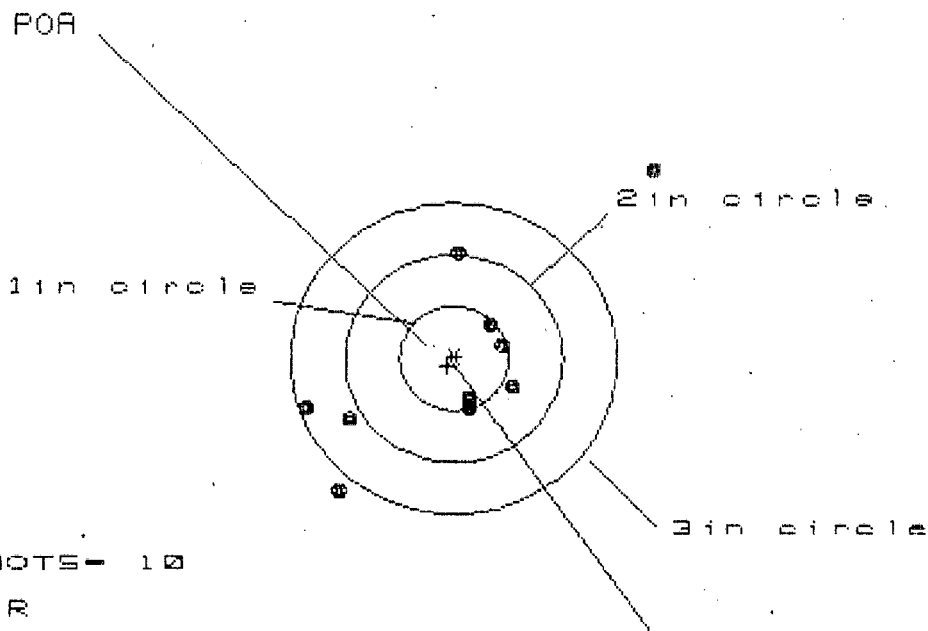
.686

MAX RADIUS :	1.384	1.061	.905
HORIZONTAL SPREAD :	1.744	1.641	1.279
VERTICAL SPREAD :	2.196	1.676	1.676
EXTREME SPREAD :	2.261	1.778	1.778
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

9 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6534572

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 8

HS= 3.173

VS= 3.105

GS= 4.230

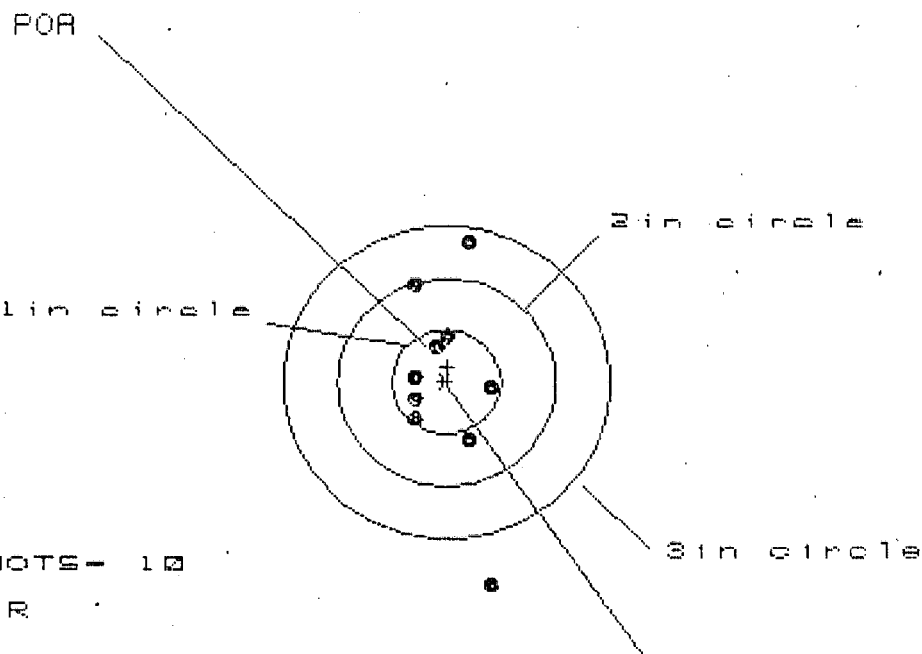
CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.815	.697	.590
MINIMUM X	-1.358	-1.156	-1.263
MAXIMUM Y	1.869	1.204	1.075
MINIMUM Y	-1.236	-1.028	-.488
CENTROID X	.061	-.141	-.034
CENTROID Y	.074	-.134	-.005
POA TO CENTROID in.	.096	.194	.034
MIN RADIUS	.378	.387	.369
MEAN RADIUS	1.019	.845	.755
MAX RADIUS	2.605	1.337	1.314
HORIZONTAL SPREAD	3.173	1.853	1.853
VERTICAL SPREAD	3.105	2.232	1.563
EXTREME SPREAD	4.230	2.465	1.970
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

9 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594572

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 6

2 in = 8

3 in = 9

HS= .745

VS= 3.365

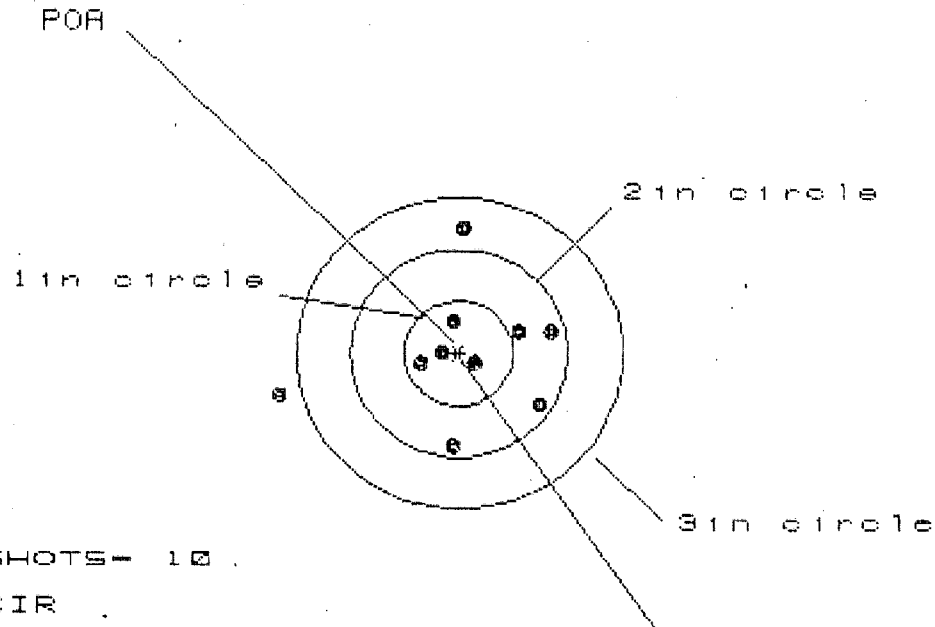
GS= 3.369

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.439	.480	.510
MINIMUM X	:	-.306	-.265	-.235
MAXIMUM Y	:	1.388	1.168	.851
MINIMUM Y	:	-1.977	-.818	-.672
CENTROID X	:	-.011	-.052	-.082
CENTROID Y	:	-.146	.074	-.072
POA TO CENTROID in.	:	.146	.091	.109
MIN RADIUS	:	.262	.169	.189
MEAN RADIUS	:	.727	.561	.468
MAX RADIUS	:	2.011	1.192	.883
HORIZONTAL SPREAD	:	.745	.745	.745
VERTICAL SPREAD	:	3.365	1.986	1.523
EXTREME SPREAD	:	3.369	1.986	1.593
NUMBER IN ONE INCH CIRCLE =			6	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			9	

9 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594572

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 4

2in = 8

3in = 9

HS= 2.536

VS= 2.060

GS= 2.590

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.895	.713	.692
MINIMUM X	-1.641	-.544	-.565
MAXIMUM Y	1.204	1.166	.406
MINIMUM Y	-.856	-.894	-.748
CENTROID X	-.146	.036	.057
CENTROID Y	.092	.130	-.016
POA TO CENTROID in.	.172	.135	.059
MIN RADIUS	.208	.132	.020
MEAN RADIUS	.725	.609	.526
MAX RADIUS	1.677	1.178	.900
HORIZONTAL SPREAD	2.536	1.257	1.257
VERTICAL SPREAD	2.060	2.060	1.154
EXTREME SPREAD	2.590	2.062	1.424
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	