

C6522263

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: **RE00034881** Serial: **C6522263** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman: Status: **Closed 11/1/01 7:49:43 AM**

Verify Repair

Address Information

Customer: **C CO 2/3RD SFGA** Received From: **C CO 2/3RD SFGA** Return To: **C CO 2/3RD SFGA** Received From:

Address 1: Address 2: PO Box: City: **FORT BRAGG** State: **NC** Zip Code: **28310** Country: **US**

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: Fax: Email: Comments:

Received Condition: Poor Condition Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	1
A018	Scope Mounts	1
A017	Scope Base	1
A026	Scope	1

Repair Search Refresh Close

inagel 11/1/01 9:47 AM CAPS NUM INS SCHL

Start Inbox - Micro Calendar - M Microsoft Excel NJBGS Corp Arms Serv 9:47 AM

Serial Number: **C6522263**
 Model: **700**



RE00034881

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522263.__0
FILE DATE AND TIME: 11/27/2001 22:53

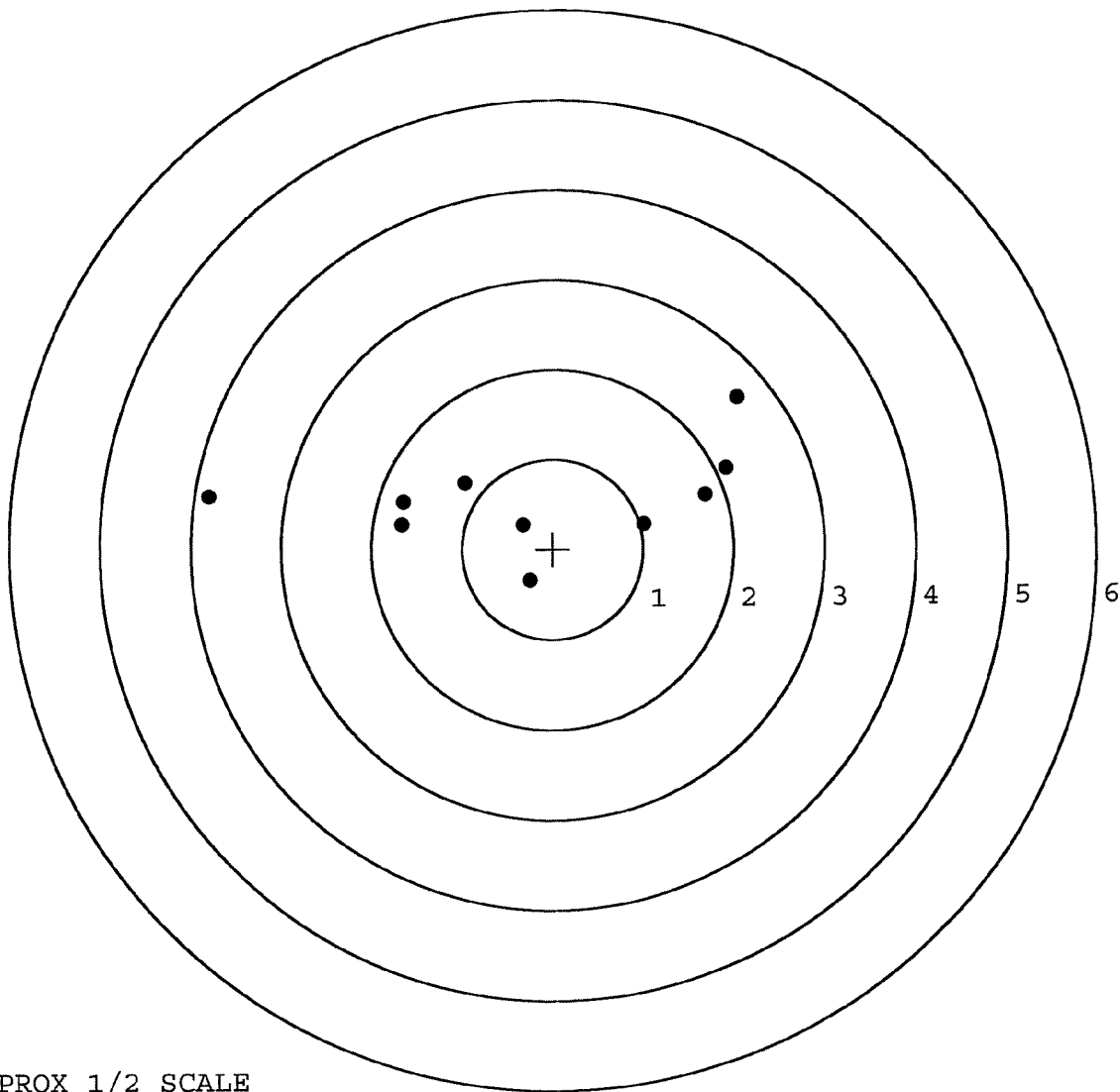
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.027
The Average Y Centroid of the Five Target Set:	0.211
The Average Point of Impact of the Five Target Set:	0.213
The Average Mean Radius of the Five Target Set:	1.178
The Distance from POA to Centroid Target #1:	0.587
The Distance from Centroid Target #2 to Centroid Target #1:	0.506
The Distance from Centroid Target #3 to Centroid Target #1:	0.608
The Distance from Centroid Target #4 to Centroid Target #1:	0.272
The Distance from Centroid Target #5 to Centroid Target #1:	0.584

SERIAL NUMBER: C6522263. 0
 TARGET NUMBER: 1
 FILE DATE: 11/27/2001
 FILE TIME: 22:53

X CENTROID: -0.199
 Y CENTROID: 0.552
 POA TO CENTROID: 0.587
 HORZ SPREAD: 5.844
 VERT SPREAD: 2.021
 GROUP SPREAD: 5.940
 MIN RADIUS: 0.310
 MAX RADIUS: 3.597
 MEAN RADIUS: 1.633
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 3
 # in 3 IN DIAMETER: 6

POINT#	X	Y
1:	-3.795	0.610
2:	-1.645	0.538
3:	-1.665	0.283
4:	-0.966	0.746
5:	-0.329	0.271
6:	-0.258	-0.349
7:	1.012	0.272
8:	1.688	0.593
9:	1.924	0.883
10:	2.049	1.672

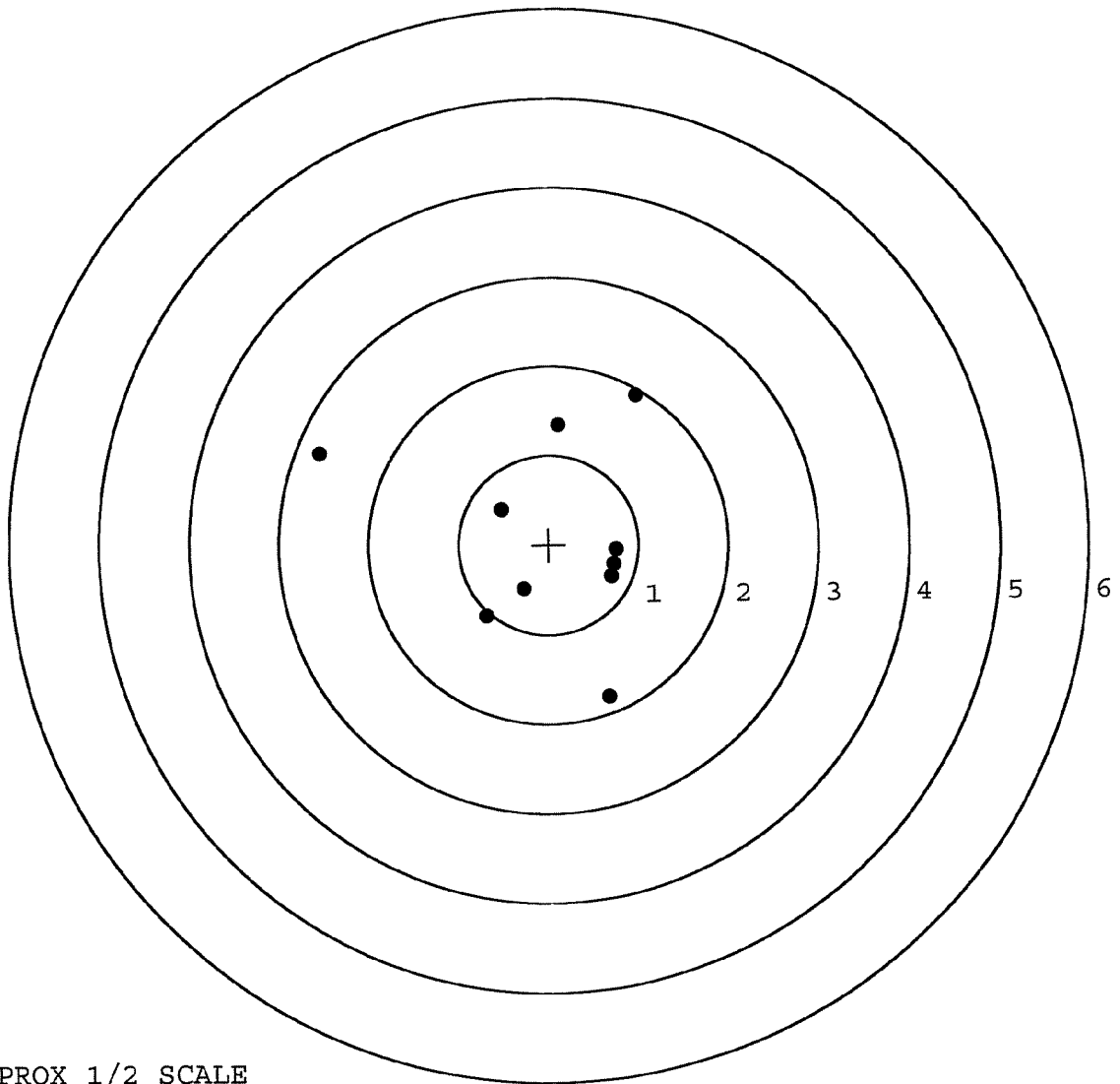


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522263. 0
 TARGET NUMBER: 2
 FILE DATE: 11/27/2001
 FILE TIME: 22:53

X CENTROID: -0.010
 Y CENTROID: 0.082
 POA TO CENTROID: 0.083
 HORZ SPREAD: 3.519
 VERT SPREAD: 3.366
 GROUP SPREAD: 4.210
 MIN RADIUS: 0.604
 MAX RADIUS: 2.699
 MEAN RADIUS: 1.249
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 7

POINT#	X	Y
1:	-2.534	1.039
2:	0.118	1.340
3:	0.985	1.665
4:	-0.526	0.397
5:	0.752	-0.060
6:	0.695	-0.356
7:	-0.283	-0.490
8:	-0.695	-0.789
9:	0.662	-1.701
10:	0.726	-0.223



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522263. 0

TARGET NUMBER: 3

FILE DATE: 11/27/2001

FILE TIME: 22:53

X CENTROID: 0.048

Y CENTROID: -0.004

POA TO CENTROID: 0.048

HORZ SPREAD: 3.168

VERT SPREAD: 2.685

GROUP SPREAD: 3.182

MIN RADIUS: 0.532

MAX RADIUS: 2.160

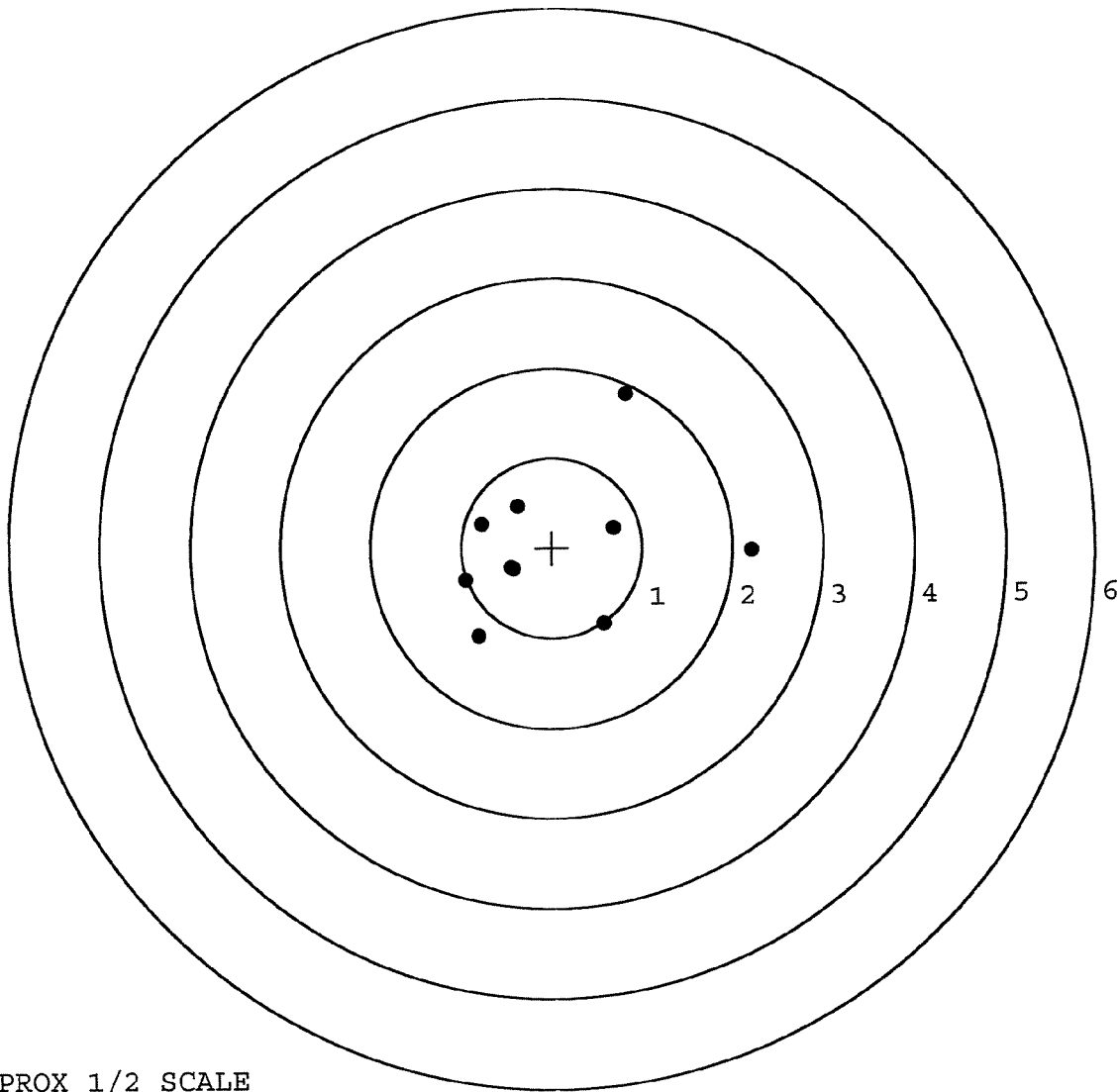
MEAN RADIUS: 1.066

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.831	1.705
2:	2.208	-0.052
3:	0.684	0.215
4:	0.573	-0.849
5:	-0.431	-0.234
6:	-0.376	0.466
7:	-0.773	0.272
8:	-0.960	-0.355
9:	-0.819	-0.980
10:	-0.454	-0.225



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522263. 0

TARGET NUMBER: 4

FILE DATE: 11/27/2001

FILE TIME: 22:53

X CENTROID: 0.045

Y CENTROID: 0.431

POA TO CENTROID: 0.433

HORZ SPREAD: 1.657

VERT SPREAD: 2.563

GROUP SPREAD: 2.792

MIN RADIUS: 0.405

MAX RADIUS: 1.769

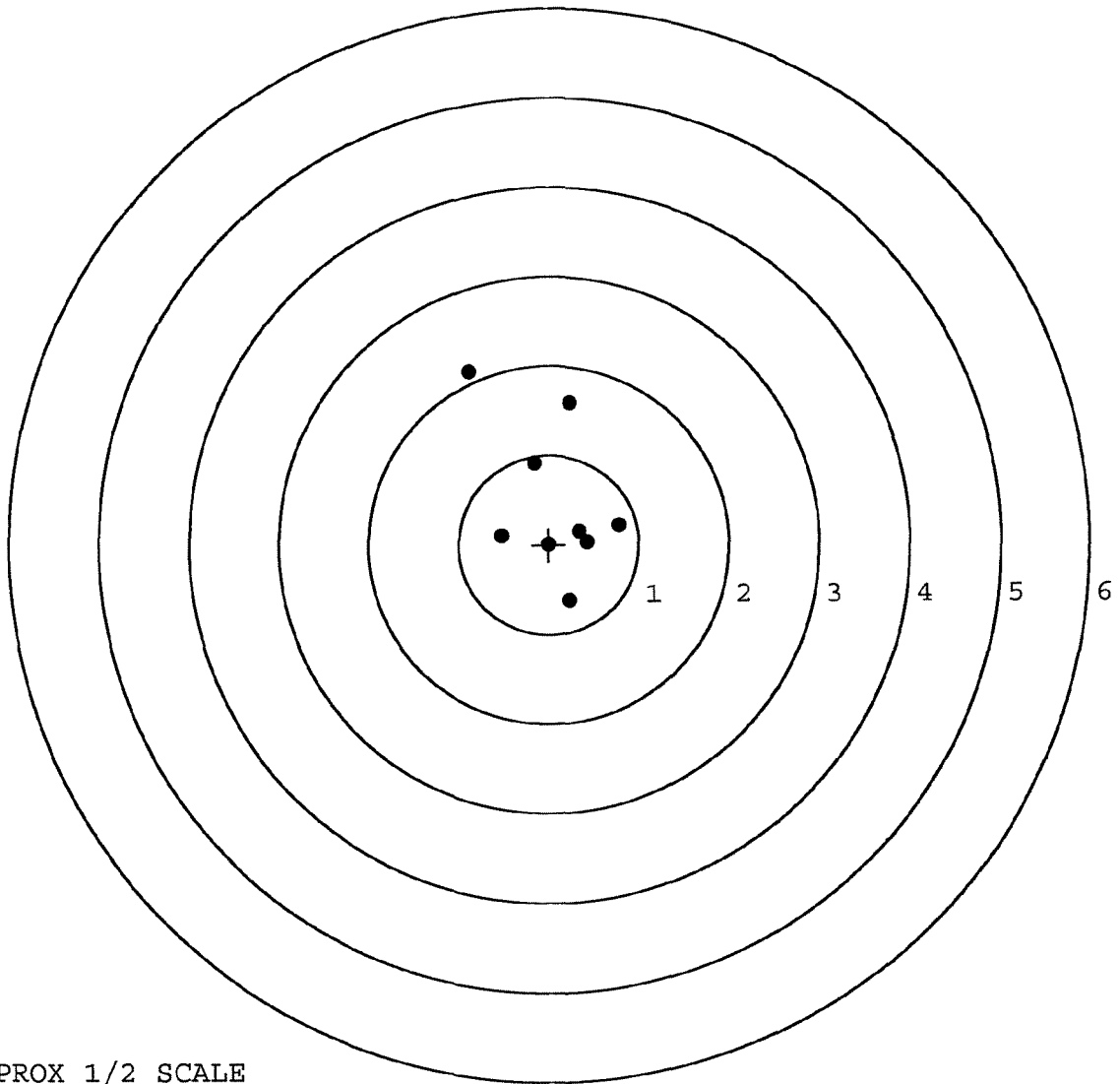
MEAN RADIUS: 0.778

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.002	-0.002
2:	0.002	-0.004
3:	-0.155	0.910
4:	0.240	1.583
5:	-0.879	1.939
6:	-0.531	0.106
7:	0.339	0.152
8:	0.422	0.028
9:	0.778	0.220
10:	0.228	-0.624



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522263. 0

TARGET NUMBER: 5

FILE DATE: 11/27/2001

FILE TIME: 22:53

X CENTROID: -0.020

Y CENTROID: -0.004

POA TO CENTROID: 0.020

HORZ SPREAD: 2.012

VERT SPREAD: 2.897

GROUP SPREAD: 3.027

MIN RADIUS: 0.735

MAX RADIUS: 1.697

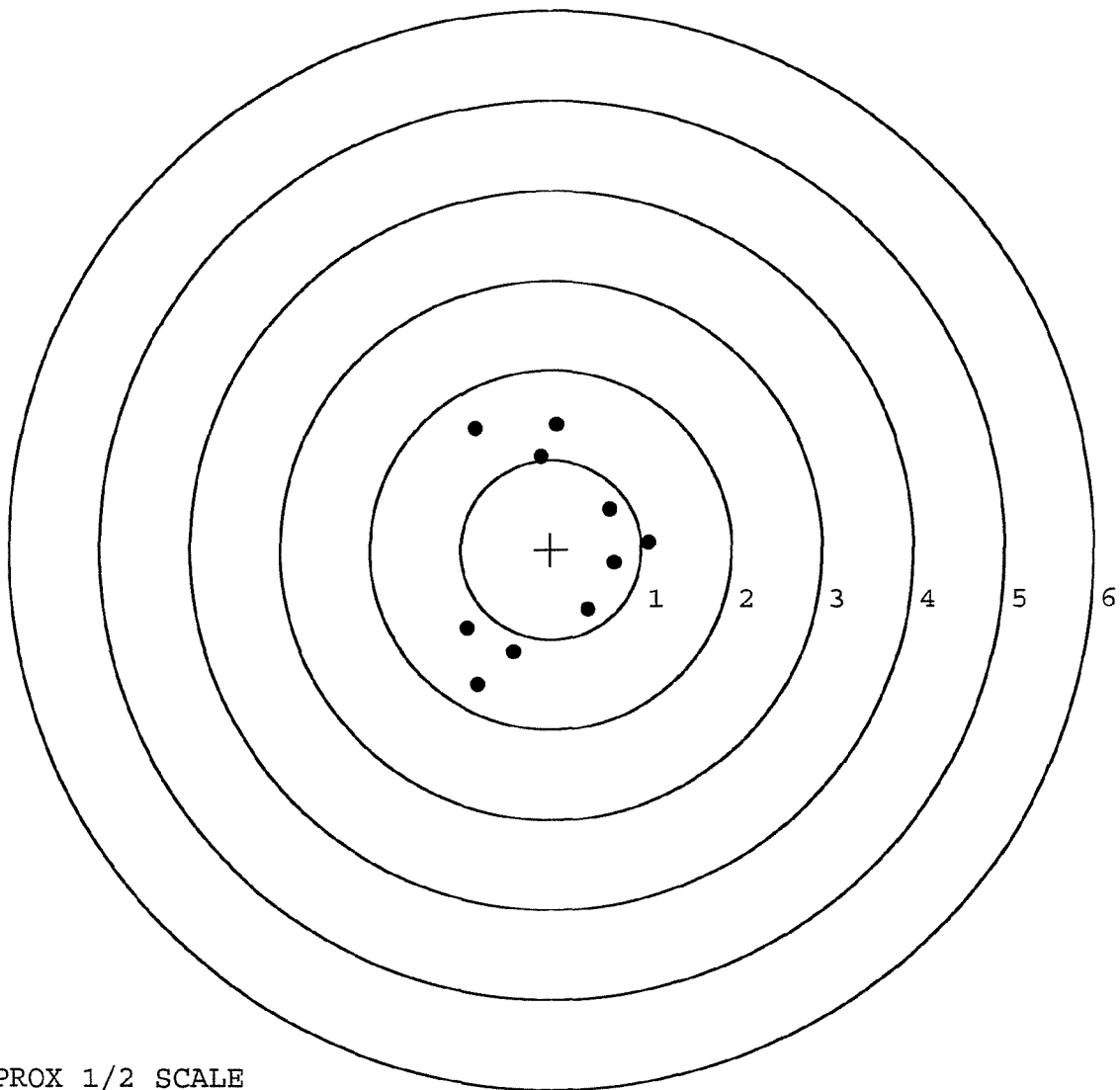
MEAN RADIUS: 1.164

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.066	1.391
2:	-0.110	1.040
3:	-0.839	1.353
4:	0.653	0.450
5:	0.701	-0.148
6:	1.084	0.074
7:	0.411	-0.671
8:	-0.425	-1.144
9:	-0.928	-0.877
10:	-0.810	-1.506



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	34881		
SERIAL NUMBER	C 6522263		
LOG-IN DATE	11-1-01		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-5-01	RJK
560 A	RE-BARREL	11/6	BWT
B	DRILL AND TAP	11/7	BWT
575	ASSEMBLE	11-7-01	RW
600	PROOF MAGNA - FLUX	11-7-01	RW
605	CHECK HEADSPACE INSPECTED	11-7-01	RW
610	DIS-ASSEMBLE GUN NOV 12 2001	11-7-01	RW
612	MAGNAFLUX OPERATOR <u>WRD</u>		
615	ROLLMARK CALIBER	11/12	⊕
618	ROTO-BLAST	11/14	✓
620	APPLY COATINGS	11-15	TA
625 A	FINAL ASSEMBLY	11-20-01	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-28-01	EK
655	FINAL INSPECT	11-28-01	RJK
660	PACK	11-28-01	JA
		SHIP DATE	
	QAR INSPECTION DATE		

Final Inspection

In: C652 2263

DATE REC'D: 11-1-01

DATE RET'D: 11-28-01

AUDITOR: KZ

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:

CAD 700

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6572263

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		8-21-90	DB
600	Proof		8-21-90	DB
607	Check Headspace		8-21-90	DB
610	Dis-assemble Gun		8-21-90	DB
612	Magnaflux Barrel Action	New BBL 8/22/90	8/23/90	KCR
	Magnaflux Bolt		8/22/90	KCR
615	Rollmark Caliber		8/23/90	ES
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		8-28-90	HA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/31/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/31/90	RW
	C) Inspect Ejector Hole for Chamfer		8/31/90	RW
	D) Oil Firing Pin Ass'y		8/31/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9/4/90	W.B.

op. #	OP. NAME	READINGS					DATE	INIT
625 nt.	F) Safety On Force	3 3/4	3 3/4	3 3/4			9/4/90	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			9/4/90	WB
	H) Trigger Pull Test & Retainability						9/4/90	WB
	I) Firing Pin Indent	.023	.023	.023			9/4/90	WB
	J) Assemble Stock						9/7/90	RW
	K) Assemble Swivel Studs						9/13/90	JS
	L) Attach Front and Rear Sight Assemblies						9/7/90	RW
	M) Iron Sight Alignment						9/7/90	RW
	N) Detach Front & Rear Sights & place in numbered container						9/7/90	RW
	O) Attach Scope to Rifle						9/7/90	RW
	P) Detach & Attach Scope 20 Times						9/7/90	RW
640	Gallery Target & Test						9/10/90	AF
	A) Time						9/10/90	AF
	B) Malfunctions						9/10/90	AF
	C) Pierced Primers						9/10/90	AF
	D) Optical Clarity of Scope						9/10/90	AF
645	Inspect for Live Ammo						9/10/90	AF
655	Final Inspection							
	A) Headspace						9/13/90	JS
	B) Trigger Pull	2.55	2.42	2.46	2.45	2.48	9-12-90	JS
	C) Function						9/13/90	JS
660	Pack						9-18-90	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6527263

DATE 9/4/90

TESTER W.B.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.37	2.46	2.58	2.55	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.49	2.42	2.42	
PULL #3	2.45	2.32	2.39	2.46	
PULL #4	2.38	2.43	2.51	2.45	
PULL #5	2.33	2.45	2.51	2.48	
TOTAL	11.91	12.15	12.41	12.36	
AVG.	2.38	2.43	2.48	2.472	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.06	3.35		
PULL #2	3.05	3.35		
PULL #3	3.09	3.36		
PULL #4	3.14	3.39		
PULL #5	3.13	3.33		
TOTAL	15.47	16.78		
AVG.	3.09	3.35		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.05		4.25
PULL #2	4.19	4.06		4.01
PULL #3	4.06	4.17		4.00
PULL #4	4.02	4.13		4.08
PULL #5	4.15	4.10		4.07
TOTAL	20.63	20.51		20.41
AVG.	4.12	4.10		4.08

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522263
11 Sep 1990

CENTROIDAL DISTANCES

0	TO	1	.123685
1	TO	2	.0334215
1	TO	3	.0346554
1	TO	4	.0375766
1	TO	5	.157003

4 <----POB

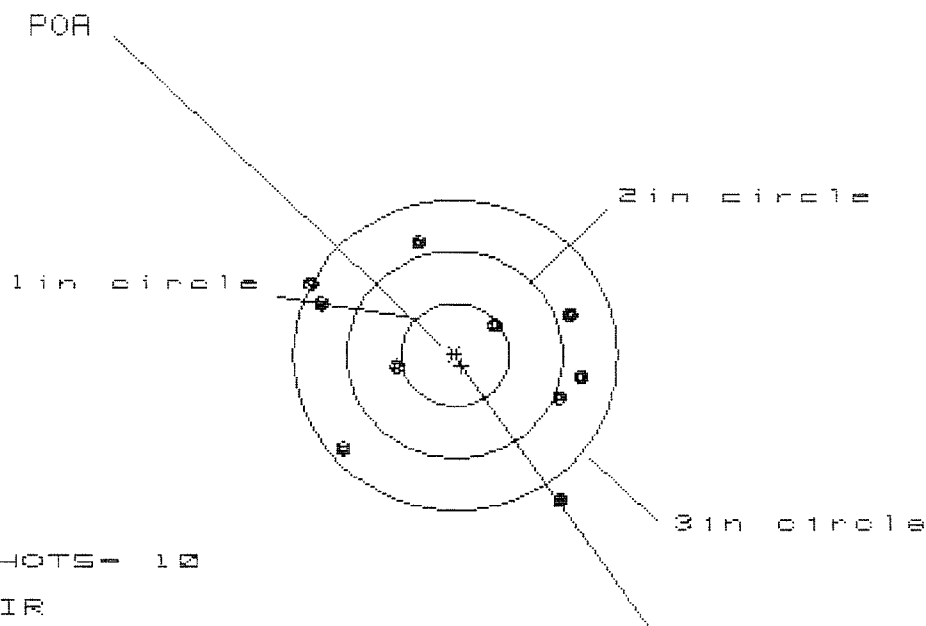
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0608
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .069
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0919654

THE AMR FOR THIS RIFLE IS: 1.023

10 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C65222B3

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 2

3 in = 7

HS= 2.488

VS= 2.542

GS= 3.076

CENTROID *

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.177	1.282	1.131
MINIMUM X	:	-1.311	-1.206	-1.266
MAXIMUM Y	:	1.130	.973	1.039
MINIMUM Y	:	-1.412	-1.017	-.951
CENTROID X	:	-.062	-.167	-.016
CENTROID Y	:	.107	.264	.198
POA TO CENTROID in.	:	.124	.312	.199
MIN RADIUS	:	.457	.488	.370
MEAN RADIUS	:	1.132	1.056	1.006
MAX RADIUS	:	1.697	1.391	1.454
HORIZONTAL SPREAD	:	2.488	2.488	2.397
VERTICAL SPREAD	:	2.542	1.990	1.990
EXTREME SPREAD	:	3.076	2.639	2.492
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	2		
NUMBER IN THREE INCH CIRCLE	=	9		

10 Sep 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08522263

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.944

VS= 2.132

GS= 2.336

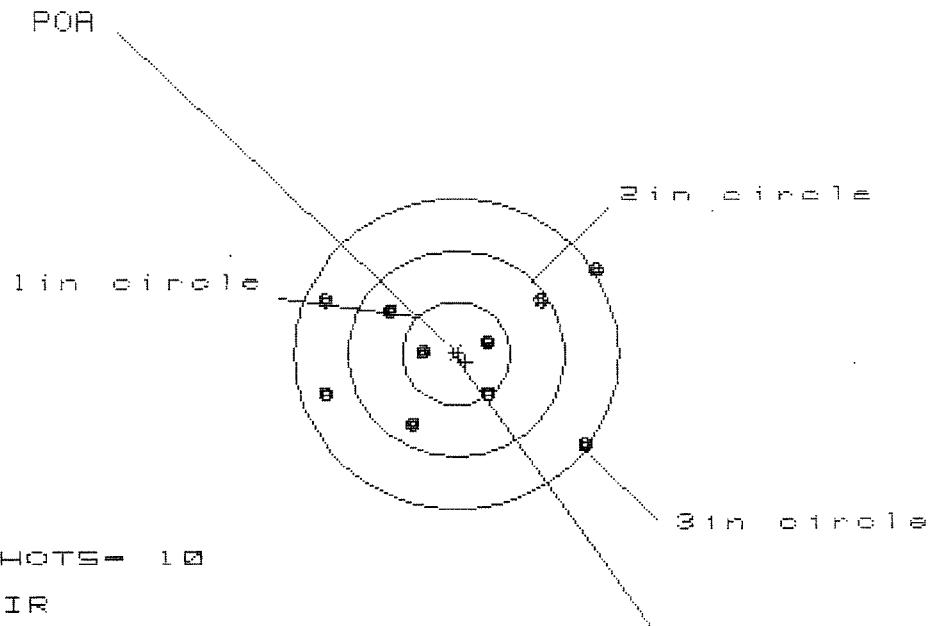
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.954	.654	.667
MINIMUM X	:	-.990	-.884	-.870
MAXIMUM Y	:	.956	.974	.841
MINIMUM Y	:	-1.176	-1.070	-.704
CENTROID X	:	-.041	-.147	-.161
CENTROID Y	:	.081	-.025	.108
POA TO CENTROID in.	:	.091	.150	.194
MIN RADIUS	:	.345	.204	.267
MEAN RADIUS	:	.810	.735	.689
MAX RADIUS	:	1.351	1.086	.974
HORIZONTAL SPREAD	:	1.944	1.538	1.538
VERTICAL SPREAD	:	2.132	2.044	1.545
EXTREME SPREAD	:	2.336	2.078	1.691
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

10 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522263

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 2.485

VS= 1.622

GS= 2.747

CENTROID *

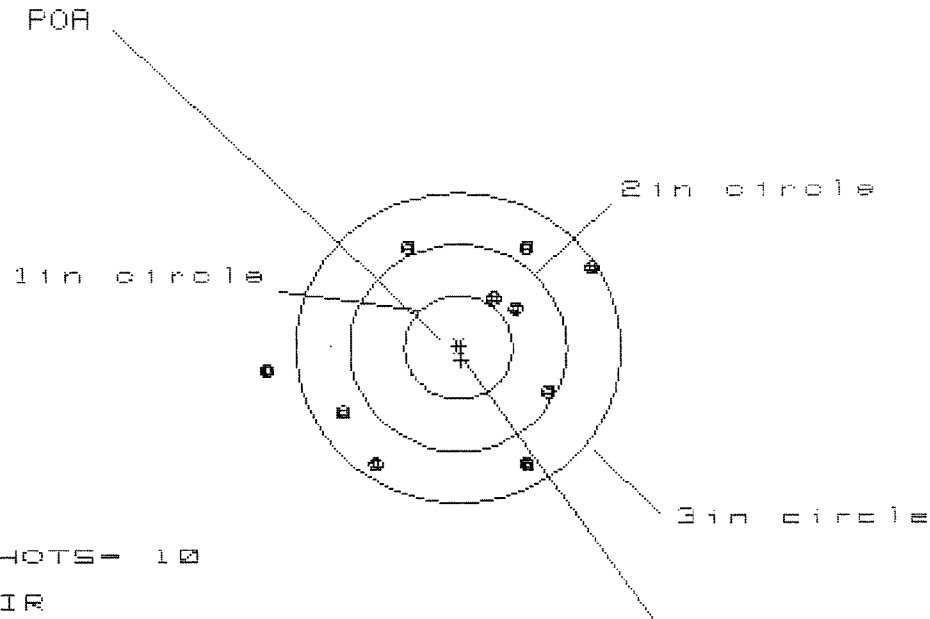
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.301	1.369	1.055
MINIMUM X	:	-1.184	-1.039	-.868
MAXIMUM Y	:	.770	.626	.530
MINIMUM Y	:	-.852	-.767	-.700
CENTROID X	:	-.086	-.231	-.402
CENTROID Y	:	.082	-.003	.093
POA TO CENTROID in.	:	.119	.231	.412
MIN RADIUS	:	.281	.218	.022
MEAN RADIUS	:	.910	.828	.706
MAX RADIUS	:	1.512	1.569	1.180
HORIZONTAL SPREAD	:	2.485	2.408	1.923
VERTICAL SPREAD	:	1.622	1.393	1.230
EXTREME SPREAD	:	2.747	2.747	2.114
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

18 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522263

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 8

HS= 2.946

VS= 2.155

GS= 3.124

CENTROID #

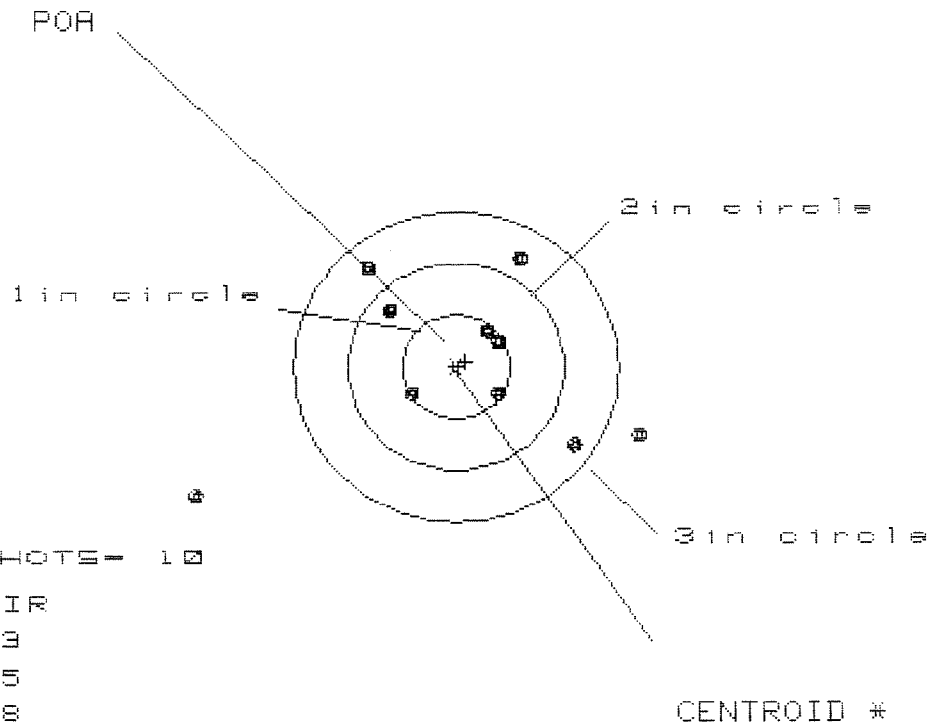
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.182	.986	.784
MINIMUM X	:	-1.764	-1.314	-1.191
MAXIMUM Y	:	.999	.972	1.069
MINIMUM Y	:	-1.156	-1.183	-1.086
CENTROID X	:	-.028	.168	.045
CENTROID Y	:	.123	.150	.053
POA TO CENTROID in.	:	.126	.225	.069
MIN RADIUS	:	.559	.463	.591
MEAN RADIUS	:	1.157	1.048	1.041
MAX RADIUS	:	1.780	1.526	1.373
HORIZONTAL SPREAD	:	2.946	2.300	1.975
VERTICAL SPREAD	:	2.155	2.155	2.155
EXTREME SPREAD	:	3.124	2.764	2.574
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

10 Sep 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6522263

CENTERFIRE PATTERNS

5



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS= 4.133

VS= 2.306

GS= 4.174

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.688
MINIMUM X	-2.445
MAXIMUM Y	1.025
MINIMUM Y	-1.281
CENTROID X	-.087
CENTROID Y	-.048
POA TO CENTROID in.	.099
MIN RADIUS	.445
MEAN RADIUS	1.108
MAX RADIUS	2.760
HORIZONTAL SPREAD	4.133
VERTICAL SPREAD	2.306
EXTREME SPREAD	4.174
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	8

Remington®
REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

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

SERIAL NO.
C6522263

ORDER NO.
5716

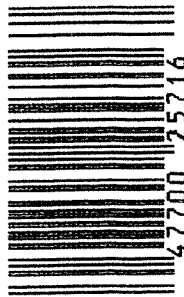
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5716 C6522263

LPC



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