

06611483

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

* Includes 1 in chamber.

Remington

Smead

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: RE00037089 Serial: C6611483 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 12/5/01 10:23:26 AM

Verify Repair

Address Information

Customer: Received From Return To: Received From

Name: SUPPLY CENTER SUPPLY CENTER

Address 1: 2950 NORTH PARK RD 2950 NORTH PARK RD

Address 2: PO Box: PO Box:

City: LINCOLN LINCOLN

State: NE Zip Code: 68521 Country: US State: NE Zip Code: 68521 Country: US

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: Poor

Condition Notes: CSR Notes:

Accessories Received

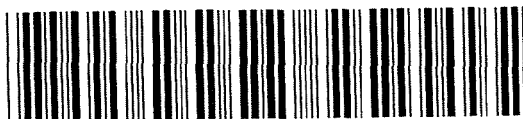
Code	Desc	Qty
A007	With Stud	1
A017	Scope Base	1
A026	Scope	1

Repair Search Refresh Close

Start naglel 12/5/01 10:44 AM CAPS NUM INS SCRL 10:44 AM

Serial Number: **C6611483**

Model: **700**



RE00037089

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C-6611483DATE 12/20/01TESTER B.M.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.56	2.65		2.40	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.70	2.72		2.46	
PULL #3	2.54	2.60		2.54	
PULL #4	2.70	2.23		2.54	
PULL #5	2.23	2.59		2.49	
TOTAL	12.73	12.79		12.43	
AVG.	2.55	2.56		2.49	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.50		
PULL #2	3.47	3.46		
PULL #3	3.51	3.40		
PULL #4	3.36	3.36		
PULL #5	3.15	3.20		
TOTAL	16.75	16.89		
AVG.	3.35	3.38		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.51	4.60		4.16
PULL #2	4.43	4.28		4.26
PULL #3	4.42	4.35		4.25
PULL #4	4.31	4.31		4.23
PULL #5	4.32	4.20		4.03
TOTAL	21.99	21.74		20.93
AVG.	4.40	4.35		4.19

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611483.___0

FILE DATE AND TIME: 12/21/2001 02:26

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.003
The Average Y Centroid of the Five Target Set:	0.329
The Average Point of Impact of the Five Target Set:	0.329
The Average Mean Radius of the Five Target Set:	0.561
The Distance from POA to Centroid Target #1:	0.905
The Distance from Centroid Target #2 to Centroid Target #1:	0.574
The Distance from Centroid Target #3 to Centroid Target #1:	0.732
The Distance from Centroid Target #4 to Centroid Target #1:	0.825
The Distance from Centroid Target #5 to Centroid Target #1:	0.796

SERIAL NUMBER: C6611483. __0

TARGET NUMBER: 1

FILE DATE: 12/21/2001

FILE TIME: 02:26

X CENTROID: -0.080

Y CENTROID: 0.902

POA TO CENTROID: 0.905

HORZ SPREAD: 1.766

VERT SPREAD: 3.580

GROUP SPREAD: 3.656

MIN RADIUS: 0.155

MAX RADIUS: 2.560

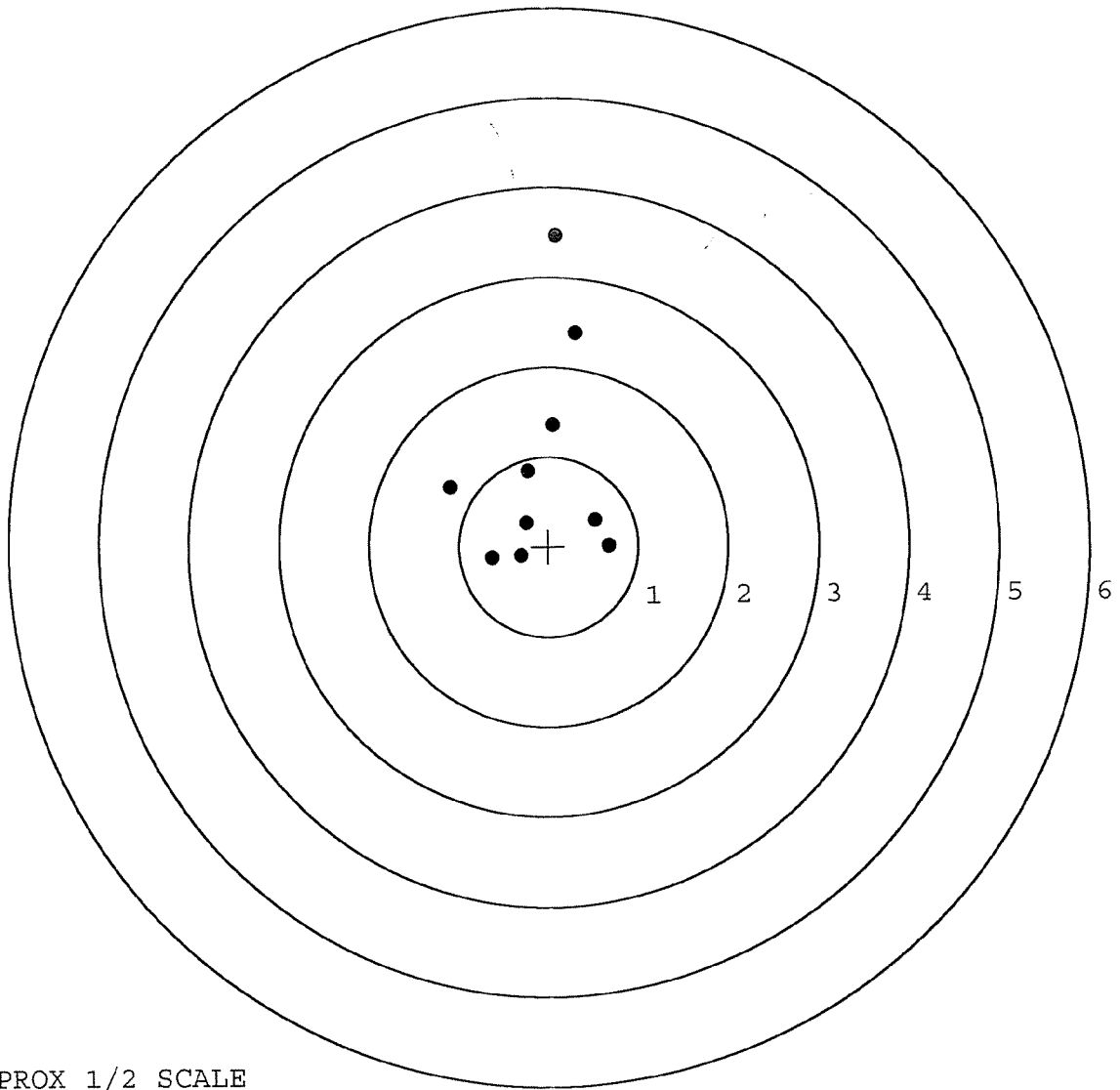
MEAN RADIUS: 1.064

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.521	0.290
2:	0.674	0.000
3:	-0.245	0.264
4:	-0.629	-0.125
5:	-0.306	-0.106
6:	-0.223	0.842
7:	-1.092	0.671
8:	0.061	1.352
9:	0.324	2.376
10:	0.112	3.455



TARGET APPROX 1/2 SCALE

BARBER - M24 0077634

SERIAL NUMBER: C6611483. 0

TARGET NUMBER: 2

FILE DATE: 12/21/2001

FILE TIME: 02:26

POINT#	X	Y
1:	0.220	0.729
2:	-0.213	0.812
3:	-0.949	1.301
4:	-0.704	0.305
5:	0.462	0.061
6:	0.083	0.211
7:	-0.274	0.121
8:	-0.064	-0.220
9:	0.122	-0.054
10:	-0.056	0.045

X CENTROID: -0.137

Y CENTROID: 0.331

POA TO CENTROID: 0.358

HORZ SPREAD: 1.411

VERT SPREAD: 1.521

GROUP SPREAD: 1.878

MIN RADIUS: 0.251

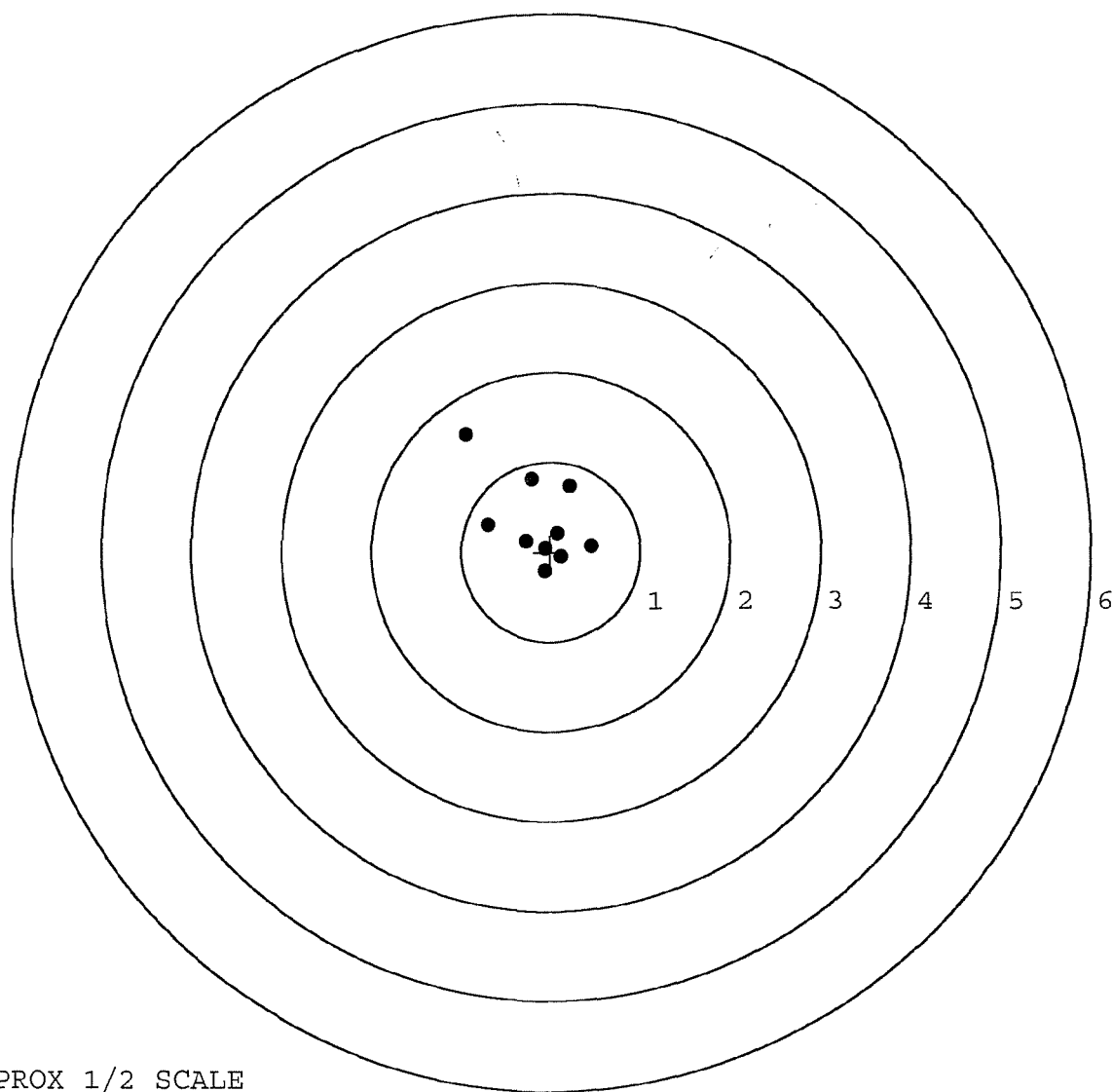
MAX RADIUS: 1.265

MEAN RADIUS: 0.533

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

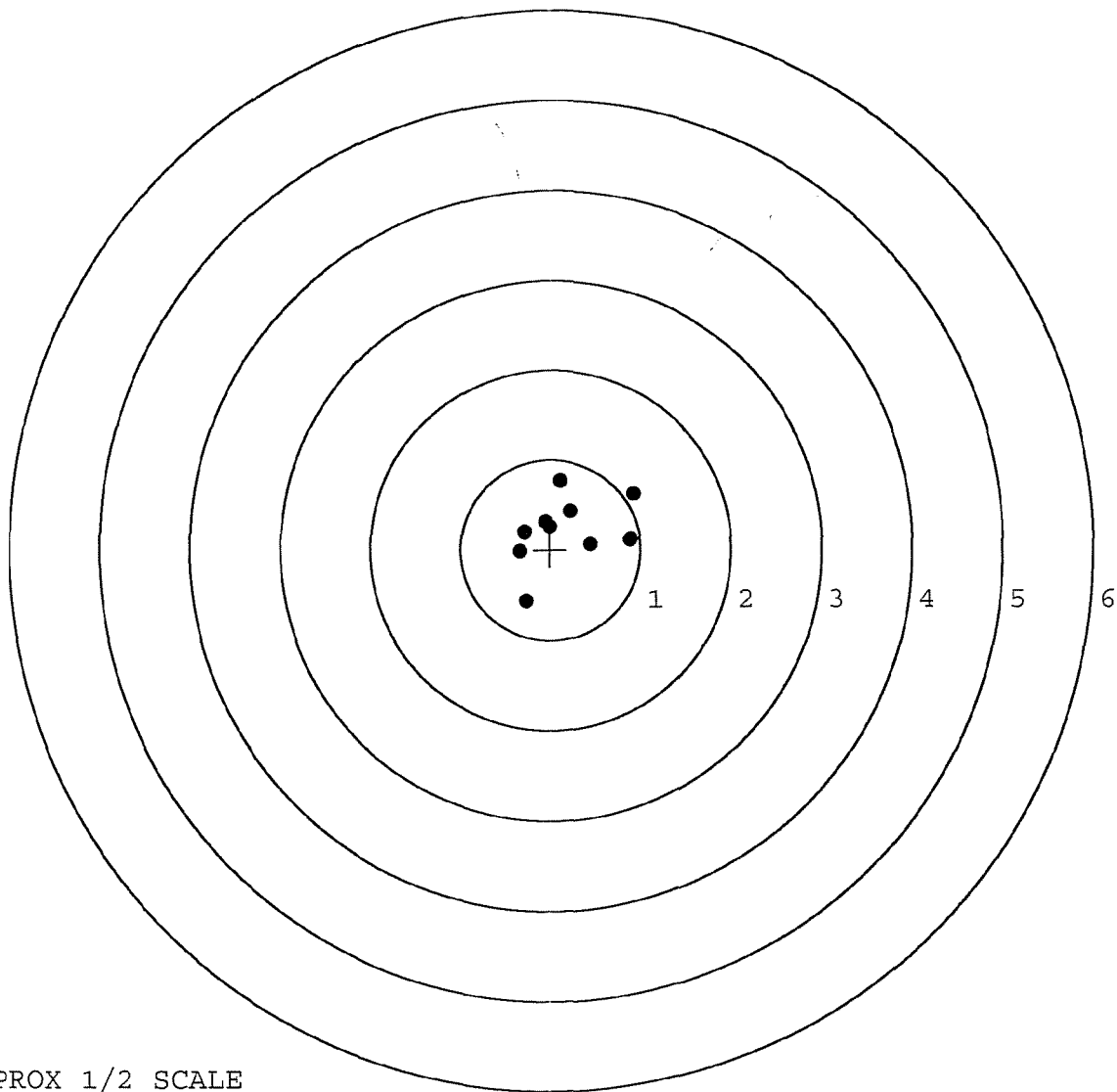


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611483. __0
 TARGET NUMBER: 3
 FILE DATE: 12/21/2001
 FILE TIME: 02:26

POINT#	X	Y
1:	0.922	0.615
2:	0.892	0.108
3:	0.453	0.063
4:	0.115	0.762
5:	0.222	0.422
6:	-0.047	0.301
7:	-0.289	0.200
8:	-0.339	-0.026
9:	-0.272	-0.572
10:	0.004	0.253

X CENTROID: 0.166
 Y CENTROID: 0.213
 POA TO CENTROID: 0.270
 HORZ SPREAD: 1.261
 VERT SPREAD: 1.334
 GROUP SPREAD: 1.684
 MIN RADIUS: 0.167
 MAX RADIUS: 0.899
 MEAN RADIUS: 0.499
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0077636

SERIAL NUMBER: C6611483. 0

TARGET NUMBER: 4

FILE DATE: 12/21/2001

FILE TIME: 02:26

POINT#	X	Y
1:	0.521	0.627
2:	0.262	0.441
3:	-0.045	0.321
4:	-0.236	-0.033
5:	-0.055	-0.236
6:	0.107	-0.232
7:	0.157	-0.087
8:	0.169	0.048
9:	0.029	0.101
10:	-0.054	-0.011

X CENTROID: 0.085

Y CENTROID: 0.094

POA TO CENTROID: 0.127

HORZ SPREAD: 0.757

VERT SPREAD: 0.863

GROUP SPREAD: 1.038

MIN RADIUS: 0.057

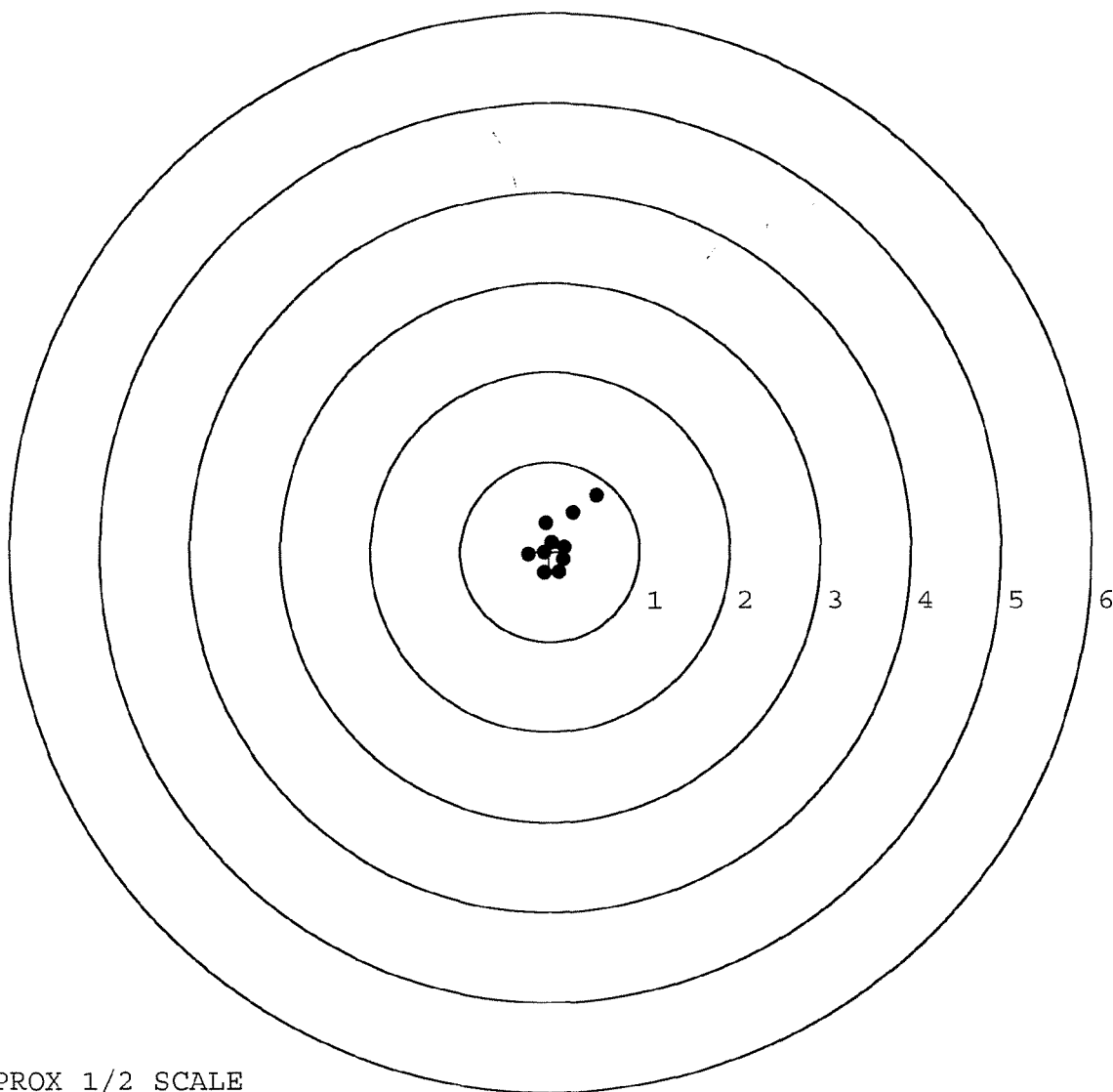
MAX RADIUS: 0.688

MEAN RADIUS: 0.289

IN 1 IN DIAMETER: 9

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0077637

SERIAL NUMBER: C6611483. __0

TARGET NUMBER: 5

FILE DATE: 12/21/2001

FILE TIME: 02:26

POINT#	X	Y
1:	-0.299	0.856
2:	-0.745	0.003
3:	0.309	0.373
4:	-0.037	0.347
5:	-0.230	0.100
6:	0.298	0.188
7:	0.197	0.013
8:	0.096	-0.423
9:	-0.125	-0.346
10:	0.049	-0.045

X CENTROID: -0.049

Y CENTROID: 0.107

POA TO CENTROID: 0.117

HORZ SPREAD: 1.054

VERT SPREAD: 1.279

GROUP SPREAD: 1.339

MIN RADIUS: 0.180

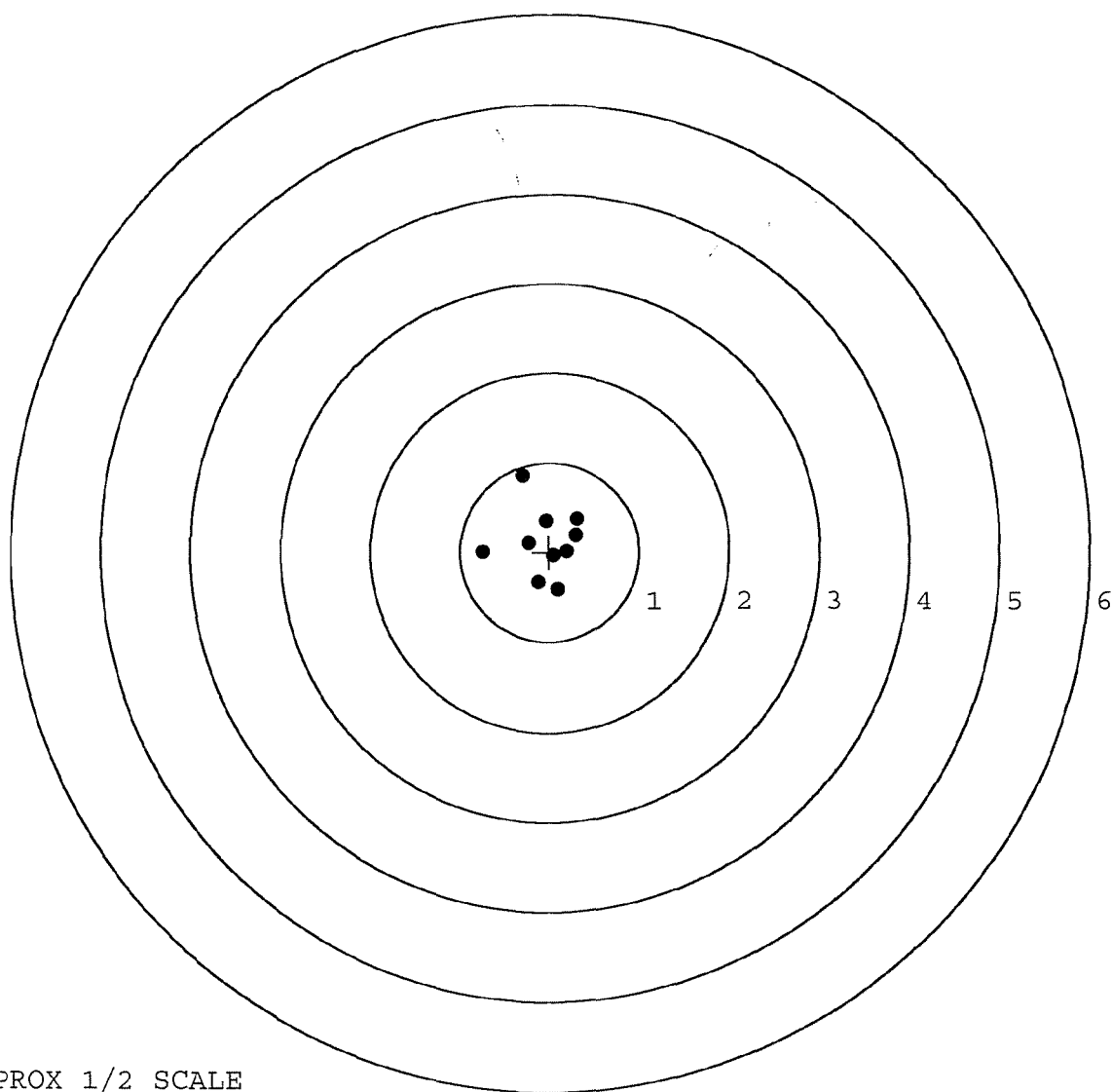
MAX RADIUS: 0.790

MEAN RADIUS: 0.417

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 37089			
SERIAL NUMBER C6611483			
LOG-IN DATE 12-8-01			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	12-6-01	RH
560 A	RE-BARREL AT CUSTOM SHOP	12/6/01	BWT
B	DRILL AND TAP	12/6/01	BWT
C	POLISH	12-7-01	RH
575	ASSEMBLE	12-7-01	RH
600	PROOF MAGNA-FLUX INSPECTED	12-7-01	RH
605	CHECK HEADSPACE	12-7-01	RH
610	DIS-ASSEMBLE GUN DEC 11 2001	12-7-01	RH
612	MAGNAFLUX OPERATOR DRD		
615	ROLLMARK CALIBER	12-7-01	RH
618	ROTO-BLAST	12/12	HO
620	APPLY COATINGS	12-20	TA
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST 2.71/2.44/2.85/2.88/2.77	1/2/02	D.N.
C	SAFETY "ON" FORCE 4.0 4.0 4.0		DA
D	SAFETY "OFF" FORCE 2.0 2.0 2.0	1-2-02	DA
E	FIRING PIN INDENT		
640	TARGET	12-21-01	AC
655	FINAL INSPECT	12-21-01	RW
660	PACK	1-2-02	DA
		SHIP DATE	
		QAR INSPECTION DATE	



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

MODEL 700TM M24

SERIAL NO.
C6611483

ORDER NO.
5716

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

20



5716 C6611483

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6611483

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/13/91	K.S.
600	Proof		3/13/91	K.S.
607	Check Headspace		3/13/91	K.S.
610	Dis-assemble Gun		3/13/91	K.S.
612	Magnaflux Barrel Action		3/27/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		3/27/91	B.S.
617	Drill and Tap Sight Holes		APR 3 1991	LB
618	Polish Barrel		APR 3 1991	WB
620	Apply Coatings (Barrel Action)		4-18-91	TH
	Apply Coating (Bolt)			
625	Final Assembly		5/2/91	K.S.
	A) Clean inside of Bolt Assembly		5/2/91	K.S.
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/2/91	K.S.
	C) Inspect Ejector Hole for Chamfer		5/2/91	K.S.
	D) Oil Firing Pin Ass'y		5/2/91	K.S.
	E) Adjust Trigger Pull to Min Setting and Stake		5-2-91	OH

op.	BARBER: M24 0077641	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5-9-91	K
	G) Safety Off Force	4	4	3			5-9-91	K
	H) Trigger Pull Test & Retainability						5-9-91	D/H
	I) Firing Pin Indent	.021	.020	.021			5-9-91	AC
	J) Assemble Stock						5/9/91	KS
	K) Assemble Swivel Studs						5-21-91	D/H
	L) Attach Front and Rear Sight Assemblies						5/9/91	KS
	M) Iron Sight Alignment						5/9/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/9/91	KS
	O) Attach Scope to Rifle						5/9/91	KS
	P) Detach & Attach Scope 20 Times						5/9/91	KS
640	Gallery Target & Test						5-13-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						5-13-91	AF
655	Final Inspection							
	A) Headspace						5-21-91	D/H
	B) Trigger Pull	2.46	2.35	2.38	2.21	2.41	5-20-91	OK
	C) Function						5-21-91	D/H
660	Pack						6-17-91	AF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611483

DATE 5-9-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.47	2.47	2.46	MIN. SETTING,
PULL #2	2.50	2.42	2.73	2.35	NO AVG. OF 5
PULL #3	2.46	2.39	2.33	2.38	READINGS ACCEPT-
PULL #4	2.47	2.47	2.73	2.21	ABLE LESS THAN 2#
PULL #5	2.45	2.44	2.75	2.41	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.16	3.25		
PULL #2	3.21	3.15		
PULL #3	3.27	3.06		
PULL #4	3.30	3.27		
PULL #5	3.27	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	4.16	4.20		3.99
PULL #2	4.41	4.34		4.17
PULL #3	4.28	4.30		3.93
PULL #4	4.40	4.33		4.31
PULL #5	4.35	4.38		4.19
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611483
13 May 1991

CENTROIDAL DISTANCES

Ø TO	1	.475752
1 TO	2	.474886
1 TO	3	.575578
1 TO	4	.286356
1 TO	5	.263154

$3\frac{1}{2}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0188
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .225
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: ..

THE AMR FOR THIS RIFLE IS: 1.011

13 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611483

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in - 3

2 in - 7

3 in - 8

HS= 2.093

VS= 2.653

GS= 3.379

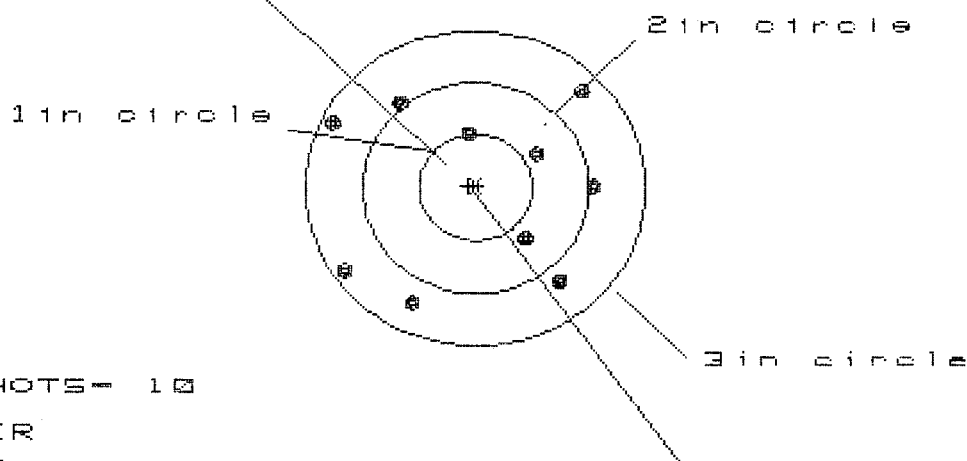
PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.069	.955	.991
MINIMUM X	:	-1.024	-.488	-.368
MAXIMUM Y	:	1.488	1.066	.941
MINIMUM Y	:	-1.165	-1.000	-.653
CENTROID X	:	.176	.290	.170
CENTROID Y	:	.442	.277	.402
POA TO CENTROID in.	:	.476	.401	.437
MIN RADIUS	:	.421	.264	.390
MEAN RADIUS	:	.885	.759	.674
MAX RADIUS	:	1.806	1.383	1.366
HORIZONTAL SPREAD	:	2.093	1.443	1.359
VERTICAL SPREAD	:	2.653	2.066	1.594
EXTREME SPREAD	:	3.379	2.388	2.021
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	8		

13 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C66114B3

CENTERFIRE PATTERNS # 2

POR



OF SHOTS - 10

IN CIR

1in - 0

2in - 3

3in - 10

HS - 2.283

VS - 2.056

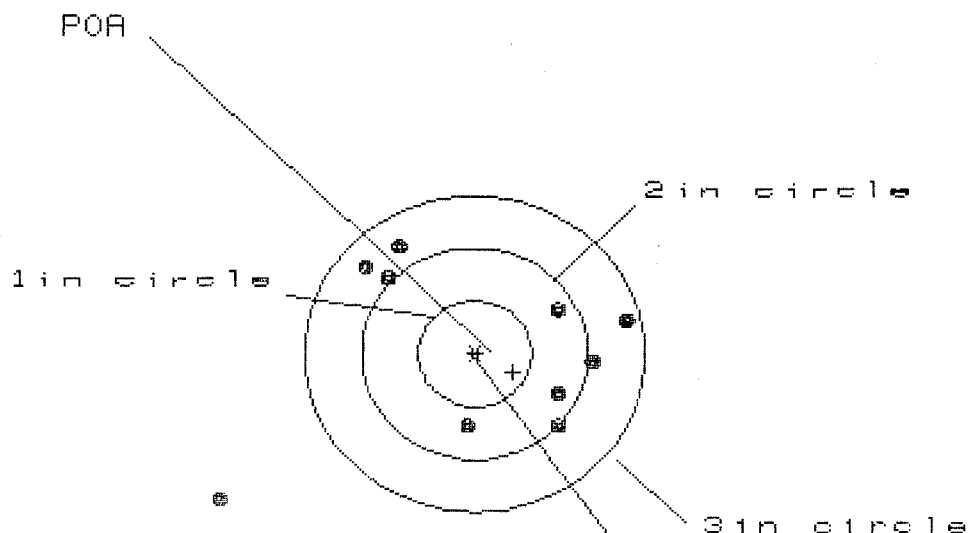
GS - 2.649

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.055	.919	.759
MINIMUM X	:	-1.228	-1.273	-.990
MAXIMUM Y	:	.940	1.011	.928
MINIMUM Y	:	-1.116	-1.045	-1.128
CENTROID X	:	.062	.198	.358
CENTROID Y	:	-.019	-.090	-.007
POR TO CENTROID in.	:	.065	.218	.358
MIN RADIUS	:	.532	.514	.375
MEAN RADIUS	:	1.046	.988	.896
MAX RADIUS	:	1.386	1.437	1.434
HORIZONTAL SPREAD	:	2.283	2.192	1.749
VERTICAL SPREAD	:	2.056	2.056	2.056
EXTREME SPREAD	:	2.649	2.649	2.547
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		10	

13 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8811483

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in - 0

2 in - 3

3 in - 7

HS- 3.553

VS= 2.447

GS= 3.942

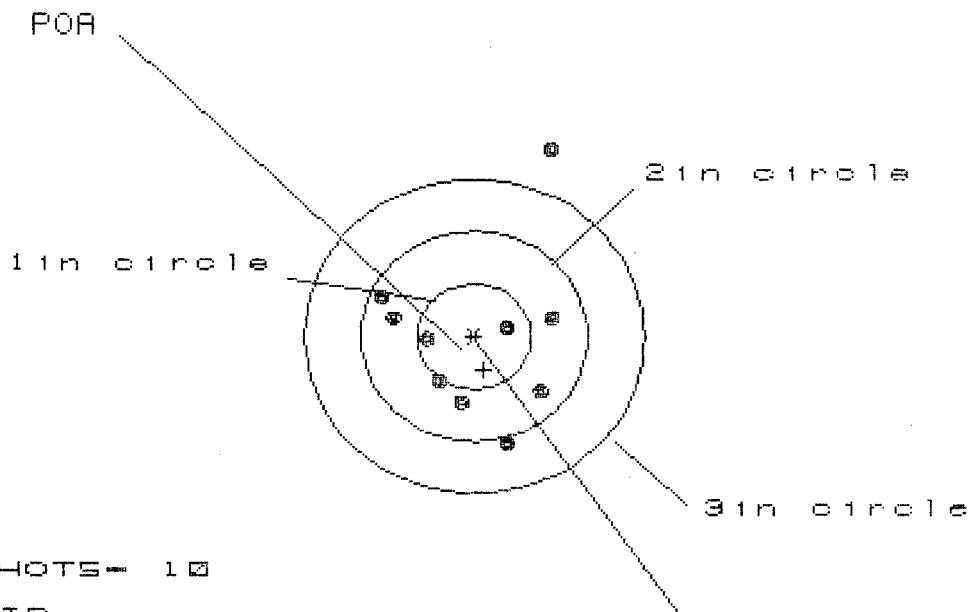
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.325	1.078	.923
MINIMUM X	:	-2.228	-1.223	-1.089
MAXIMUM Y	:	1.027	.869	.885
MINIMUM Y	:	-1.420	-.856	-.840
CENTROID X	:	-.337	-.090	-.224
CENTROID Y	:	.181	.339	.323
POA TO CENTROID in.	:	.383	.351	.393
MIN RADIUS	:	.670	.557	.685
MEAN RADIUS	:	1.197	.986	.981
MAX RADIUS	:	2.642	1.381	1.271
HORIZONTAL SPREAD	:	3.553	2.301	2.012
VERTICAL SPREAD	:	2.447	1.725	1.725
EXTREME SPREAD	:	3.942	2.357	2.285
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

13 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611483

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 8

3 in = 9

HS= 1.535

VS= 2.806

GS= 2.826

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.698	.771	.819
MINIMUM X	:	-.837	-.764	-.716
MAXIMUM Y	:	1.804	.613	.513
MINIMUM Y	:	-1.002	-.802	-.505
CENTROID X	:	-.084	-.157	-.205
CENTROID Y	:	.322	.122	.222
POA TO CENTROID in.	:	.333	.199	.303
MIN RADIUS	:	.258	.372	.301
MEAN RADIUS	:	.806	.648	.612
MAX RADIUS	:	1.919	.980	.880
HORIZONTAL SPREAD	:	1.535	1.535	1.535
VERTICAL SPREAD	:	2.806	1.415	1.018
EXTREME SPREAD	:	2.826	1.825	1.714
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	9		

13 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611483

CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 0

2in = 6

3in = 9

HS= 1.941

VS= 3.147

GS= 3.697

PATTERN #	:	5	10	9	8
SHOTS (BEST OF)	:		10	9	8
MAXIMUM X	:		.883	.959	.924
MINIMUM X	:		-1.058	-.959	-.994
MAXIMUM Y	:		2.258	1.596	.741
MINIMUM Y	:		-.889	-.638	-.438
CENTROID X	:		.277	.178	.213
CENTROID Y	:		.199	-.052	-.252
POA TO CENTROID in.	:		.341	.186	.330
MIN RADIUS	:		.708	.496	.417
MEAN RADIUS	:		1.119	.909	.734
MAX RADIUS	:		2.425	1.620	1.130
HORIZONTAL SPREAD	:		1.941	1.918	1.918
VERTICAL SPREAD	:		3.147	2.234	1.179
EXTREME SPREAD	:		3.697	2.366	2.192
NUMBER IN ONE INCH CIRCLE	=		0		
NUMBER IN TWO INCH CIRCLE	=			6	
NUMBER IN THREE INCH CIRCLE	=			9	