

C6587716

MODEL 700™ M24

Model **SMS**™

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

Repair Inquiry

Repair Number: **RE00045873** Serial: **C6587716** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman: Status: **Closed 5/1/02 6:47:18 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

Pool:

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
A026	Scope	1

Repair Search Refresh Close

maglet 5/1/02 7:46 AM CAPS NUM INS SCFL

Start Inbo... Calc... Micr... SAP... Goo... Ar... Print... Print... 7:46 AM

Serial Number: **C6587716**

Model: **700**



RE00045873

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587716.__0
FILE DATE AND TIME: 05/17/2002 13:41

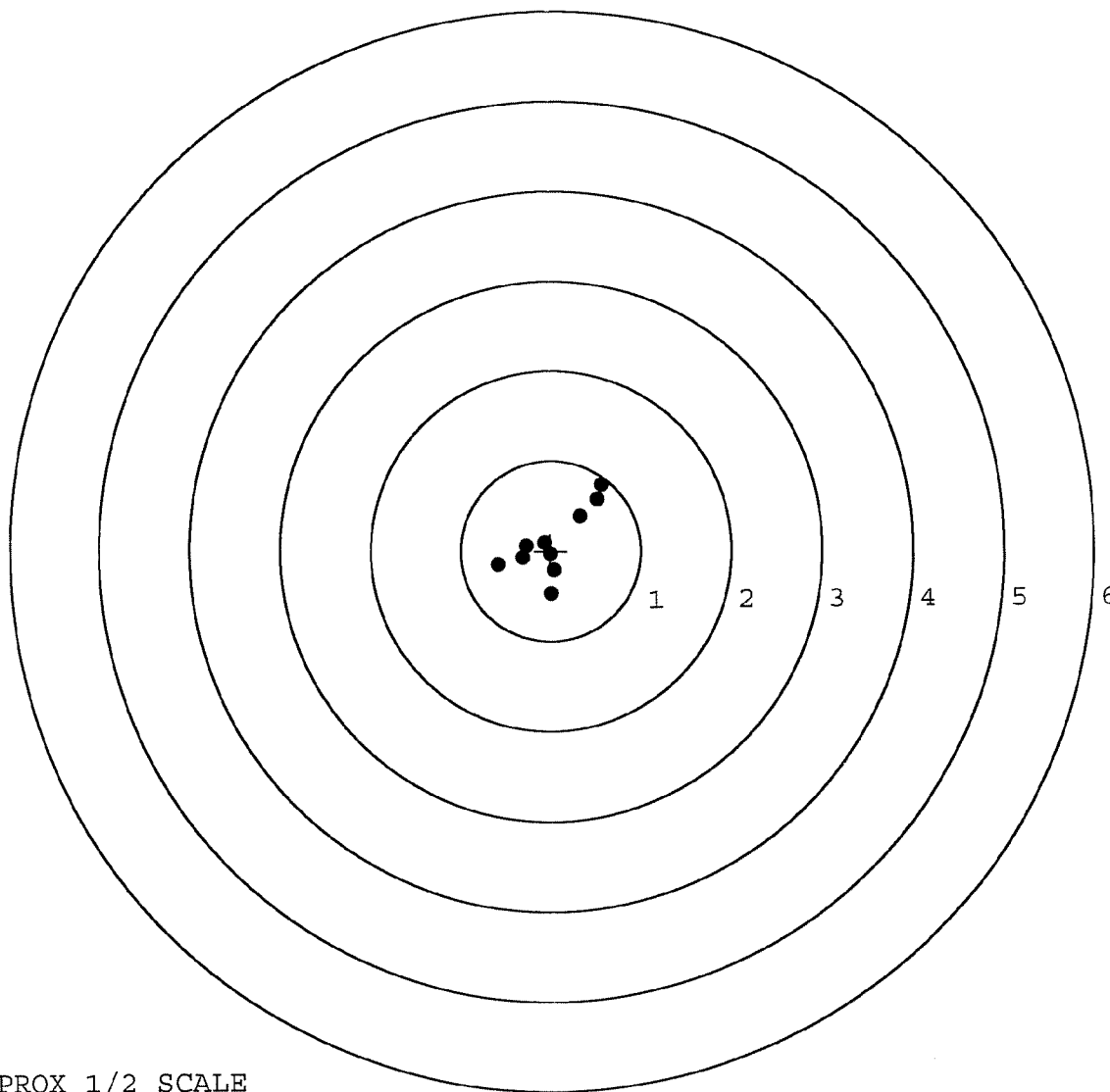
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.048
The Average Y Centroid of the Five Target Set:	0.054
The Average Point of Impact of the Five Target Set:	0.072
The Average Mean Radius of the Five Target Set:	0.532
The Distance from POA to Centroid Target #1:	0.089
The Distance from Centroid Target #2 to Centroid Target #1:	0.148
The Distance from Centroid Target #3 to Centroid Target #1:	0.096
The Distance from Centroid Target #4 to Centroid Target #1:	0.097
The Distance from Centroid Target #5 to Centroid Target #1:	0.023

SERIAL NUMBER: C6587716. __0
 TARGET NUMBER: 1
 FILE DATE: 05/17/2002
 FILE TIME: 13:41

POINT#	X	Y
1:	0.567	0.728
2:	0.523	0.570
3:	0.329	0.385
4:	-0.591	-0.152
5:	0.000	-0.476
6:	0.037	-0.216
7:	-0.008	-0.038
8:	-0.067	0.090
9:	-0.274	0.057
10:	-0.318	-0.077

X CENTROID: 0.020
 Y CENTROID: 0.087
 POA TO CENTROID: 0.089
 HORZ SPREAD: 1.158
 VERT SPREAD: 1.204
 GROUP SPREAD: 1.454
 MIN RADIUS: 0.087
 MAX RADIUS: 0.843
 MEAN RADIUS: 0.438
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587716. 0

TARGET NUMBER: 2

FILE DATE: 05/17/2002

FILE TIME: 13:41

POINT#	X	Y
1:	-0.209	-1.100
2:	0.874	-0.022
3:	0.685	0.472
4:	0.282	-0.033
5:	-0.191	-0.211
6:	-0.489	0.122
7:	-0.042	0.293
8:	0.065	0.041
9:	-0.133	0.060
10:	-0.058	-0.112

X CENTROID: 0.078

Y CENTROID: -0.049

POA TO CENTROID: 0.092

HORZ SPREAD: 1.363

VERT SPREAD: 1.572

GROUP SPREAD: 1.808

MIN RADIUS: 0.091

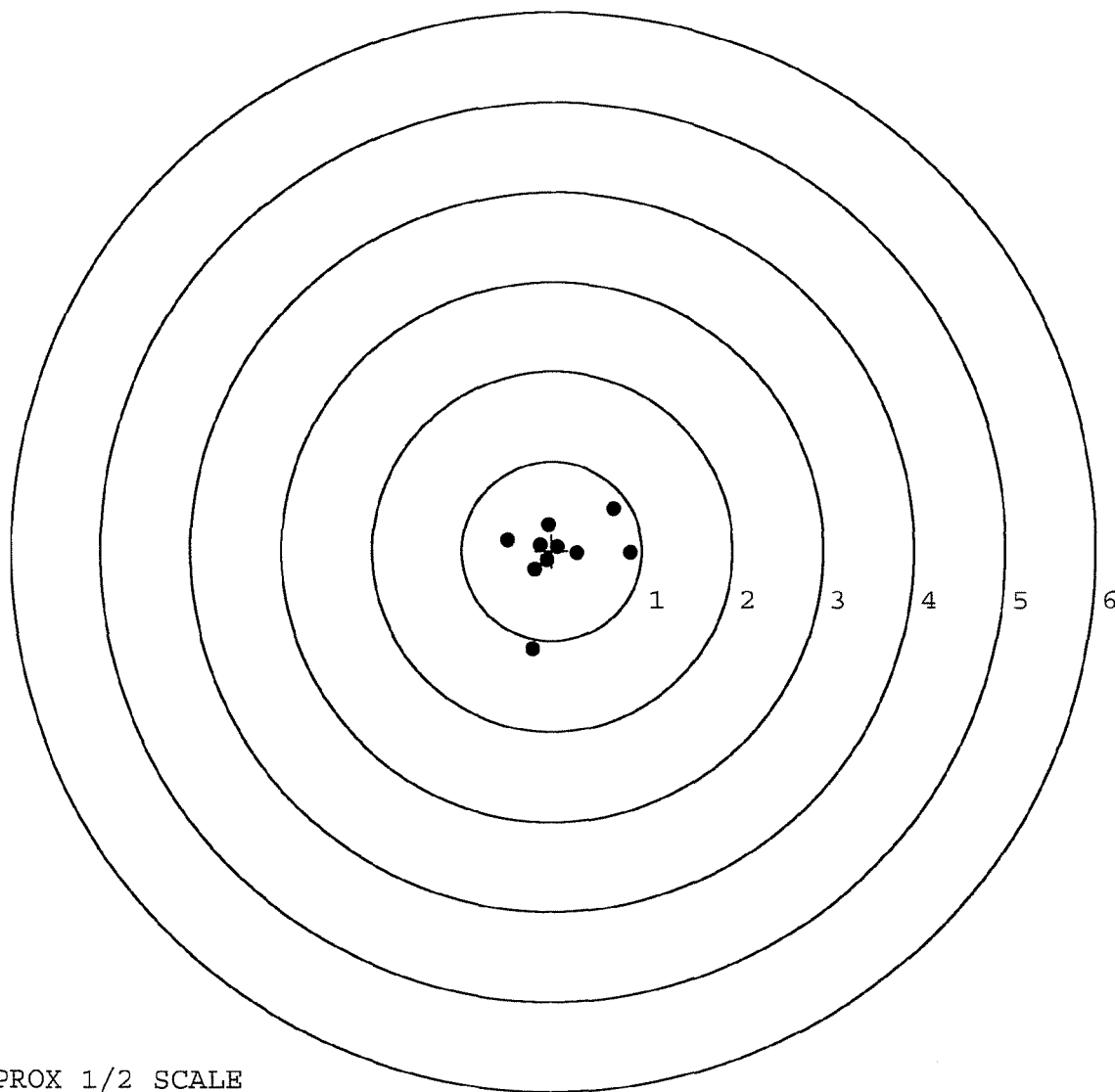
MAX RADIUS: 1.090

MEAN RADIUS: 0.464

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587716. 0

TARGET NUMBER: 3

FILE DATE: 05/17/2002

FILE TIME: 13:41

POINT#	X	Y
1:	0.886	0.062
2:	0.608	0.002
3:	0.472	-0.399
4:	-0.177	-0.307
5:	-0.931	-0.205
6:	-0.589	0.228
7:	-0.125	0.340
8:	0.026	0.473
9:	0.435	0.694
10:	0.223	0.711

X CENTROID: 0.083

Y CENTROID: 0.160

POA TO CENTROID: 0.180

HORZ SPREAD: 1.817

VERT SPREAD: 1.110

GROUP SPREAD: 1.837

MIN RADIUS: 0.275

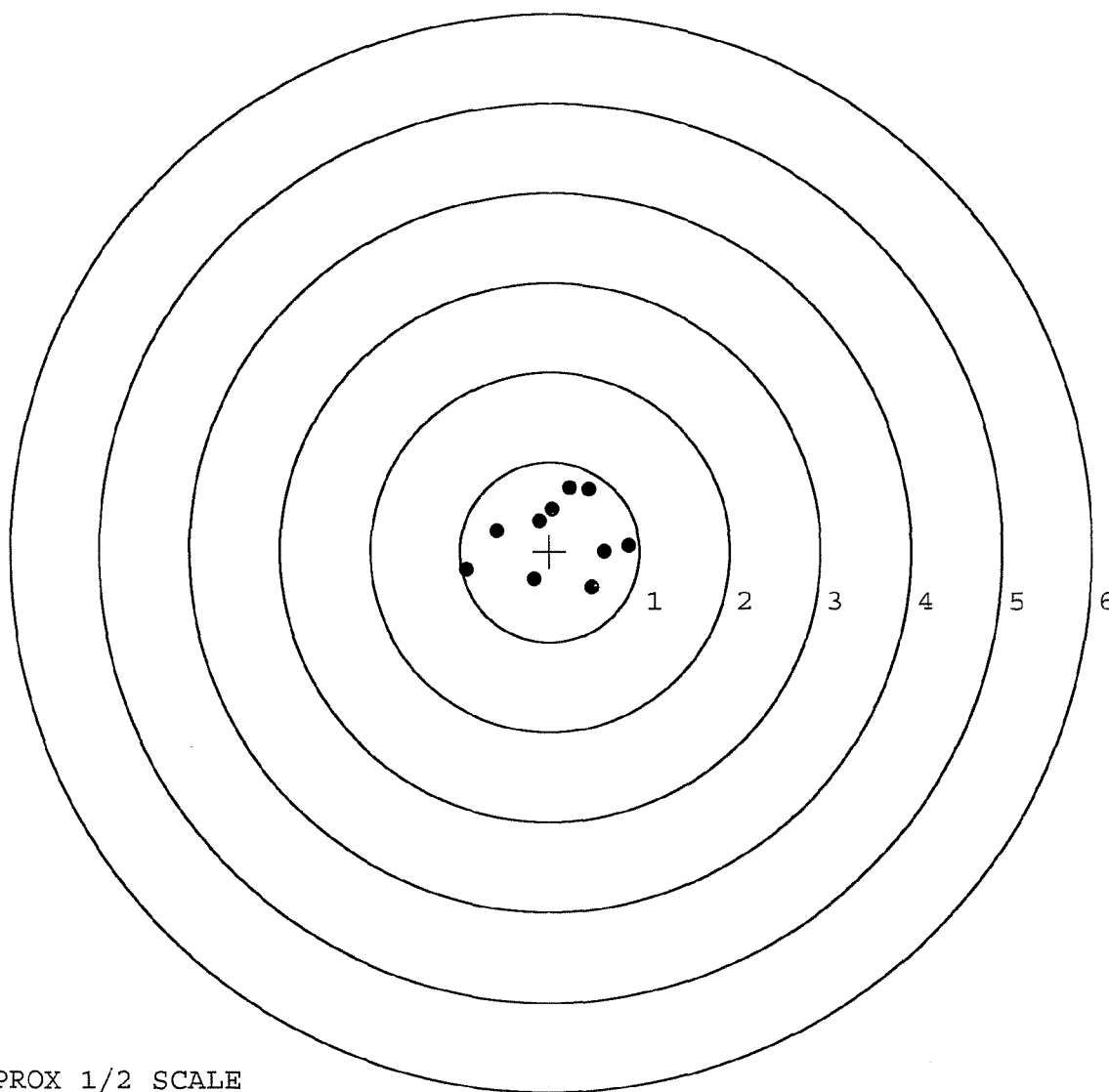
MAX RADIUS: 1.077

MEAN RADIUS: 0.613

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587716. __0

TARGET NUMBER: 4

FILE DATE: 05/17/2002

FILE TIME: 13:41

POINT#	X	Y
1:	0.770	-0.059
2:	-0.228	0.590
3:	-0.184	-0.398
4:	-0.488	-0.358
5:	-0.694	-0.528
6:	0.489	0.062
7:	0.057	-0.011
8:	0.278	0.121
9:	0.405	0.247
10:	0.167	0.312

X CENTROID: 0.057

Y CENTROID: -0.002

POA TO CENTROID: 0.057

HORZ SPREAD: 1.464

VERT SPREAD: 1.118

GROUP SPREAD: 1.537

MIN RADIUS: 0.009

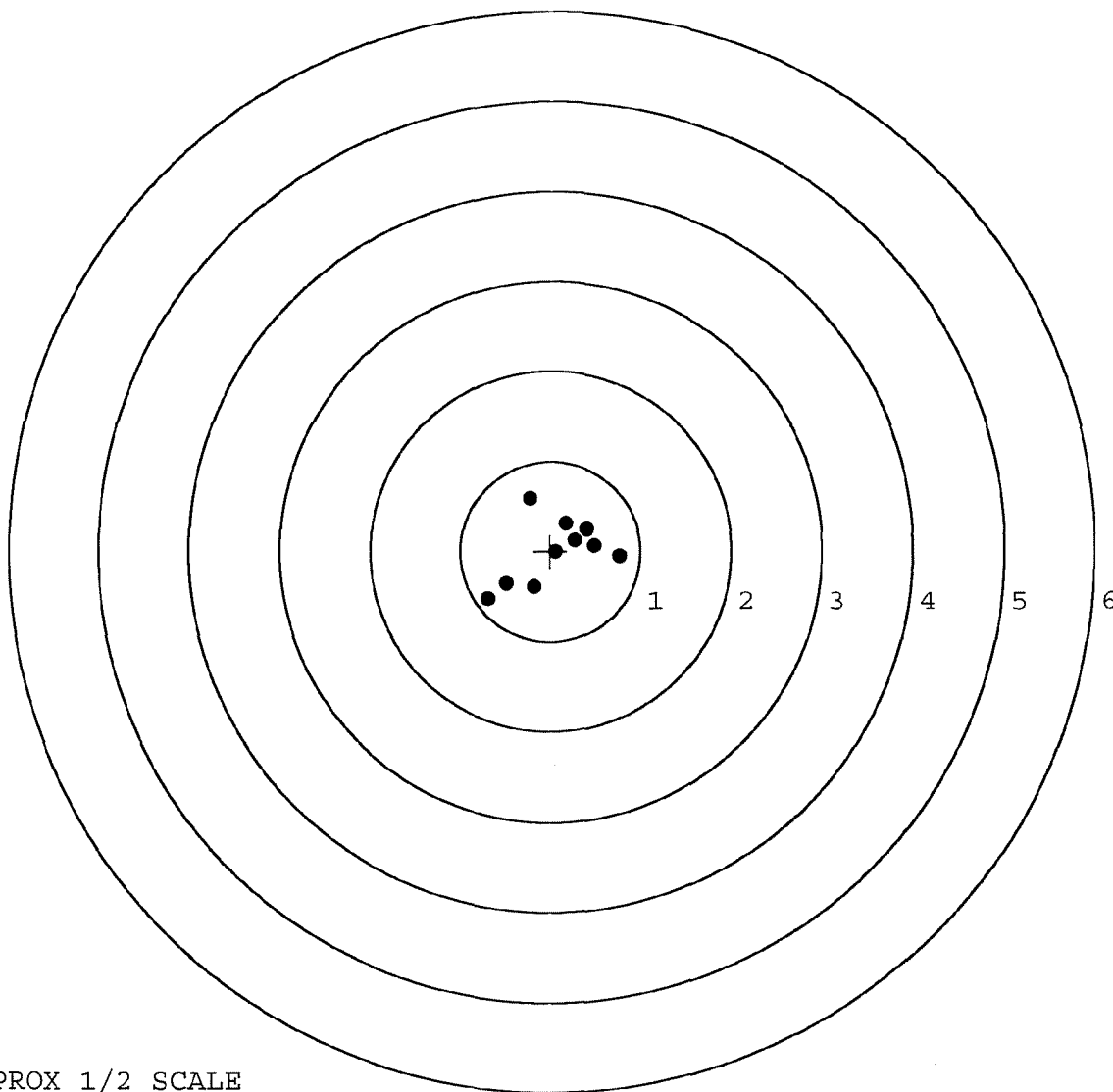
MAX RADIUS: 0.917

MEAN RADIUS: 0.486

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587716. __0

TARGET NUMBER: 5

FILE DATE: 05/17/2002

FILE TIME: 13:41

POINT#	X	Y
1:	0.201	-0.619
2:	0.704	-0.218
3:	0.429	-0.221
4:	0.543	0.300
5:	0.597	1.126
6:	-1.068	0.353
7:	-0.617	0.297
8:	-0.419	0.041
9:	-0.288	-0.131
10:	-0.083	-0.178

X CENTROID: 0.000

Y CENTROID: 0.075

POA TO CENTROID: 0.075

HORZ SPREAD: 1.772

VERT SPREAD: 1.745

GROUP SPREAD: 1.836

MIN RADIUS: 0.266

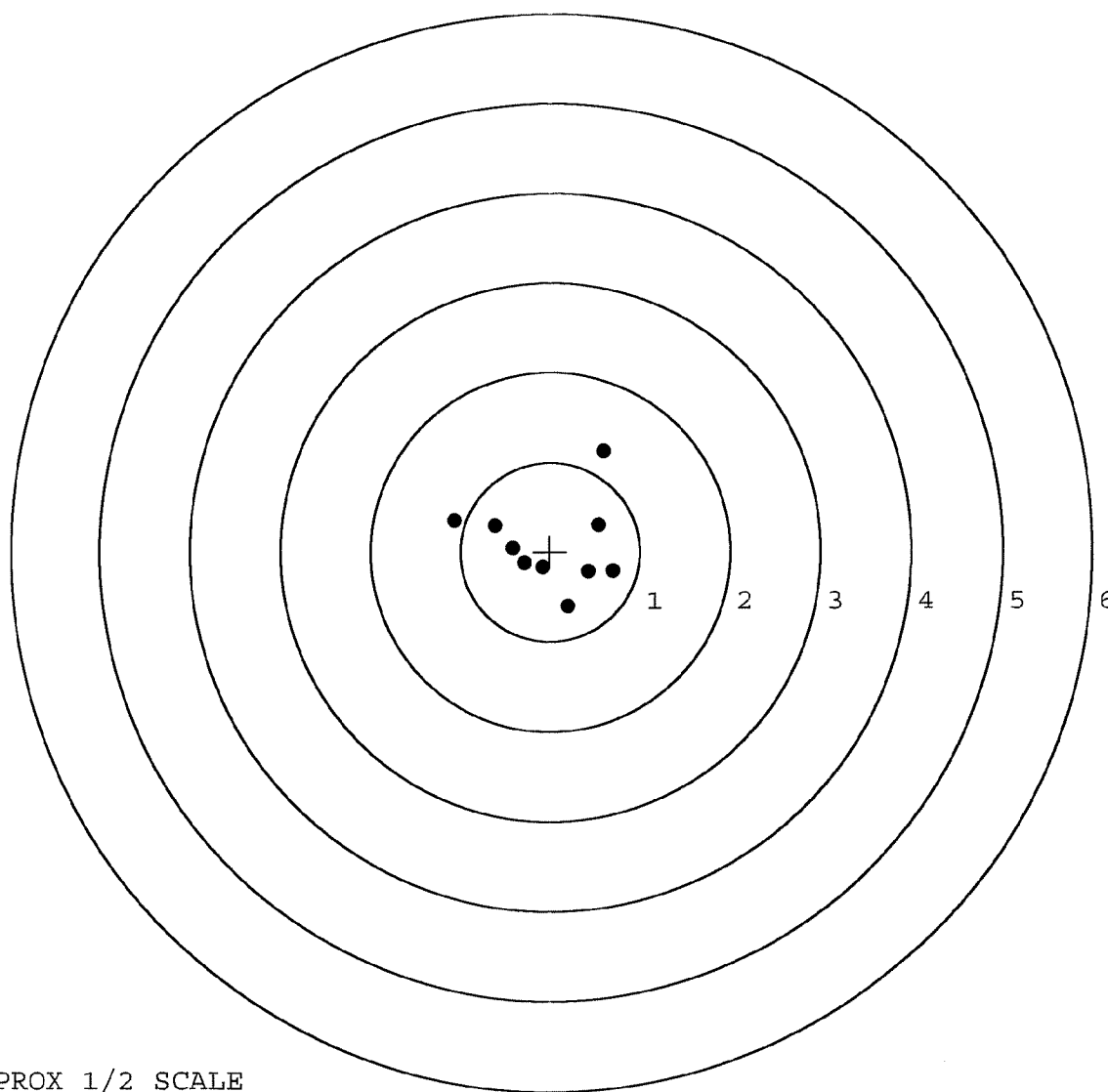
MAX RADIUS: 1.209

MEAN RADIUS: 0.660

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 45873			
SERIAL NUMBER C6587716			
LOG-IN DATE 5/1/02			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5/1/02	RL
560 A	RE-BARREL AT CUSTOM SHOP	5/2/02	BWT
B	DRILL AND TAP	5/2/02	BWT
C	POLISH		
575	ASSEMBLE	5/3/02	RL
600	PROOF MAGNA - FLUX	5/3/02	RL
605	CHECK HEADSPACE INSPECTED	5/3/02	RL
610	DIS-ASSEMBLE GUN MAY 3 2002	5/4/02	RL
612	MAGNAFLUX OPERATOR DRB		
615	ROLLMARK CALIBER	5/6/02	AB
618	ROTO-BLAST	5/7	NO
620	APPLY COATINGS	5-9	TA
625 A	FINAL ASSEMBLY	5/15/02	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	5-16-02	AK
655	FINAL INSPECT	5/20/02	RL
660	PACK	5/20/02	DA
		SHIP DATE	
		QAR INSPECTION DATE	

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

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

MODEL 700™ H24

SERIAL NO. C6587716

ORDER NO. 5716

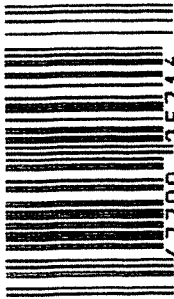
Q1

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



5716 C6587716

UPC



0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6587716

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/18/90	KA
600	Proof		10/18/90	KA
607	Check Headspace		10/18/90	KA
610	Dis-assemble Gun		10/18/90	KA
612	Magnaflux Barrel Action		10/22	KR
	Magnaflux Bolt		10/22	KR
615	Rollmark Caliber		10/22	SL
617	Drill and Tap Sight Holes		10/23/90	LB
618	Polish Barrel <i>RB</i>		10/24/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/7/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/90	KS
	C) Inspect Ejector Hole for Chamfer		11/7/90	KS
	D) Oil Firing Pin Ass'y		11/7/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11/24/90	SL

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2	11/26/90	WB		
	G) Safety Off Force	2 1/4	2 1/4	2 1/4	11/26/90	WB		
	H) Trigger Pull Test & Retainability				11-26-90	HL		
	I) Firing Pin Indent	.021	.0205	.021	11/26/90	WB		
	J) Assemble Stock				11/28/90	KS		
	K) Assemble Swivel Studs				11-30-90	qss		
	L) Attach Front and Rear Sight Assemblies				11/28/90	KS		
	M) Iron Sight Alignment				11/28/90	KS		
	N) Detach Front & Rear Sights & place in numbered container				11/28/90	KS		
	O) Attach Scope to Rifle				11/28/90	KS		
	P) Detach & Attach Scope 20 Times				11/28/90	KS		
640	Gallery Target & Test				11-29-90	Kf		
	A) Time				11-29-90	Kf		
	B) Malfunctions				11-29-90	Kf		
	C) Pierced Primers				11-29-90	Kf		
	D) Optical Clarity of Scope				11-29-90	Kf		
645	Inspect for Live Ammo				11-29-90	Kf		
655	Final Inspection							
	A) Headspace				11-30-90	qss		
	B) Trigger Pull	269	296	294	290	253	11-30-90	qss
	C) Function						11-30-90	qss
660	Pack						12/19/90	AF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6587716

DATE 11/26/90

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.17	2.37	2.48	2.69	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.14	2.38	2.40	2.96	
PULL #3	2.20	2.47	2.49	2.94	
PULL #4	2.21	2.50	2.39	2.90	
PULL #5	2.32	2.49	2.45	2.53	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.50		
PULL #2	3.36	3.32		
PULL #3	3.35	3.30		
PULL #4	3.30	3.23		
PULL #5	3.37	3.42		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.37		4.40
PULL #2	4.33	4.02		4.47
PULL #3	4.31	4.43		4.26
PULL #4	4.33	4.49		4.49
PULL #5	4.32	4.48		4.48
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587716
29 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.297405
1 TO	2	.158092
1 TO	3	.181838
1 TO	4	.650256
1 TO	5	.382256

4
-----POA

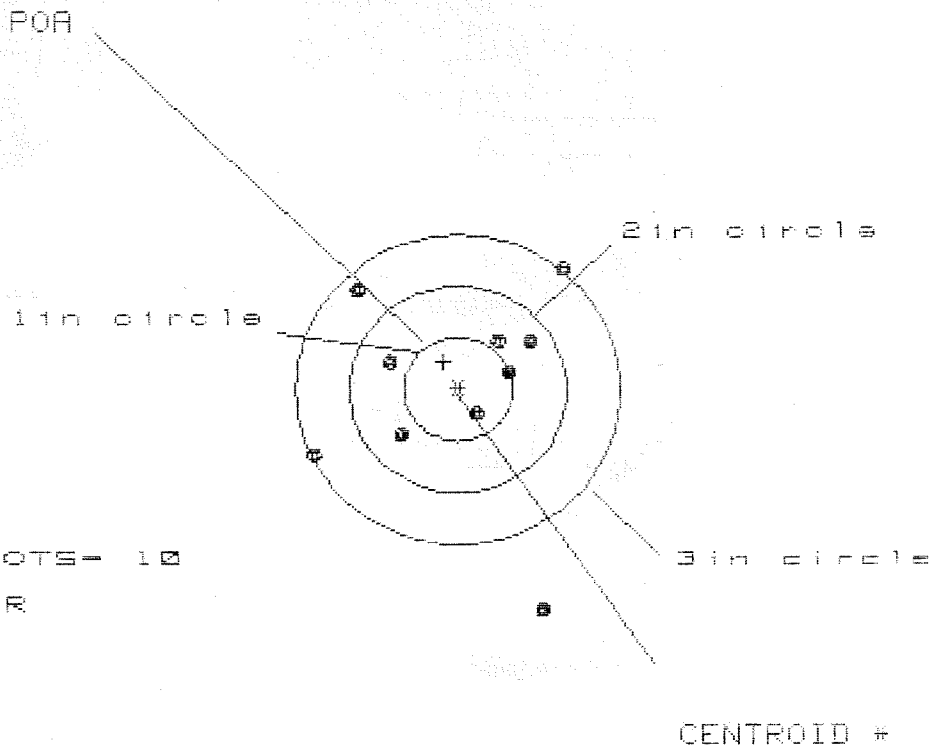
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .074
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0922
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .118224

THE AMR FOR THIS RIFLE IS: 1.1

29 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587716

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 2.245

VS= 3.351

GS= 3.525

CENTROID *

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.942	1.025	.894
MINIMUM X	-1.303	-1.220	-1.092
MAXIMUM Y	1.198	.959	.843
MINIMUM Y	-2.153	-.859	-.739
CENTROID X	.131	.048	-.080
CENTROID Y	-.267	-.028	-.148
POA TO CENTROID in.	.298	.055	.169
MIN RADIUS	.292	.501	.470
MEAN RADIUS	1.012	.862	.790
MAX RADIUS	2.279	1.492	1.318
HORIZONTAL SPREAD	2.245	2.245	1.986
VERTICAL SPREAD	3.351	1.818	1.582
EXTREME SPREAD	3.525	2.889	2.251
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

25 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06587716

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 7

HE = 4.156

VS = 2.937

GS = 4.251

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.371	.966	.948
MINIMUM X	:	-1.785	-1.522	-1.540
MAXIMUM Y	:	1.006	1.091	.864
MINIMUM Y	:	-1.931	-1.819	-.588
CENTROID X	:	.044	-.219	-.201
CENTROID Y	:	-.135	-.247	-.020
POA TO CENTROID in.	:	.142	.330	.202
MIN RADIUS	:	.220	.384	.428
MEAN RADIUS	:	1.135	.975	.871
MAX RADIUS	:	2.575	1.824	1.540
HORIZONTAL SPREAD	:	4.156	2.488	2.488
VERTICAL SPREAD	:	2.937	2.910	1.452
EXTREME SPREAD	:	4.251	3.114	2.634
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

29 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6587716

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 7

HS = 2.762

VS = 2.471

GS = 3.054

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.352	1.240	1.224
MINIMUM X	:	-1.410	-1.522	-1.367
MAXIMUM Y	:	1.204	1.063	.948
MINIMUM Y	:	-1.267	-.919	-.768
CENTROID X	:	-.041	.071	-.084
CENTROID Y	:	-.326	-.185	-.070
POA TO CENTROID in.	:	.328	.198	.109
MIN RADIUS	:	.270	.438	.520
MEAN RADIUS	:	1.105	1.056	.990
MAX RADIUS	:	1.619	1.570	1.394
HORIZONTAL SPREAD	:	2.762	2.762	2.591
VERTICAL SPREAD	:	2.471	1.982	1.716
EXTREME SPREAD	:	3.054	3.054	2.750
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

25 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587716

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 5

HS = 4.086

VS = 3.758

GS = 4.776

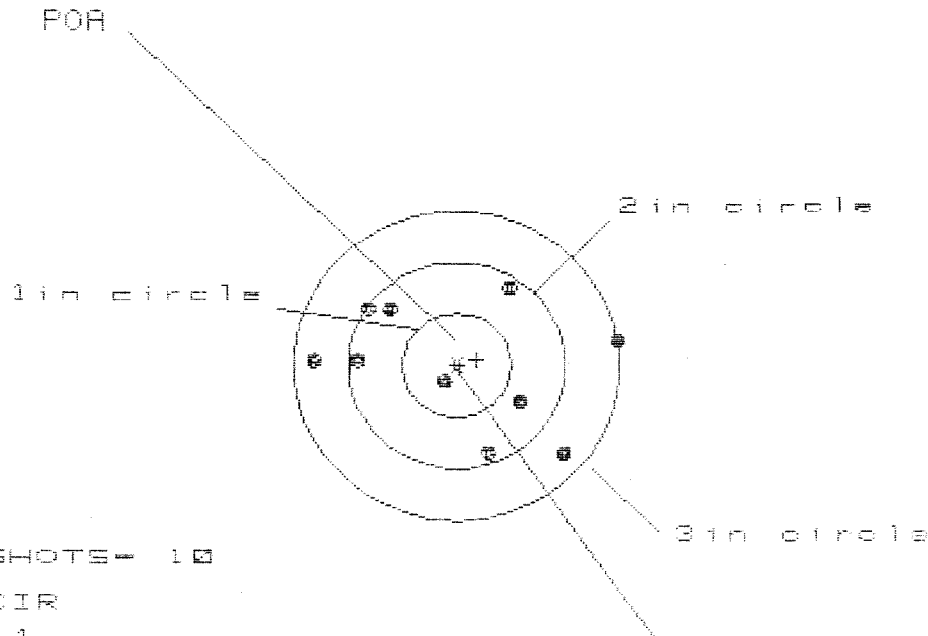
CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.697	1.446	1.169
MINIMUM X	-2.399	-2.210	-1.543
MAXIMUM Y	2.128	1.178	1.167
MINIMUM Y	-1.630	-1.394	-1.405
CENTROID X	.419	.230	.507
CENTROID Y	.316	.080	.091
POA TO CENTROID in.	.525	.244	.515
MIN RADIUS	.303	.193	.292
MEAN RADIUS	1.291	1.098	.928
MAX RADIUS	2.722	2.212	1.662
HORIZONTAL SPREAD	4.096	3.656	2.712
VERTICAL SPREAD	3.758	2.572	2.572
EXTREME SPREAD	4.776	3.870	2.767
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	5		

29 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/06507716

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 7

3 in = 8

HS = 2.844

VS = 1.678

GS = 2.854

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.478	1.149	.998
MINIMUM X	-1.366	-1.201	-.883
MAXIMUM Y	.787	.815	.822
MINIMUM Y	-.891	-.863	-.856
CENTROID X	-.183	-.348	-.197
CENTROID Y	-.049	-.077	-.084
POA TO CENTROID in.	.190	.356	.215
MIN RADIUS	.159	.112	.124
MEAN RADIUS	.955	.875	.832
MAX RADIUS	1.500	1.404	1.280
HORIZONTAL SPREAD	2.844	2.350	1.881
VERTICAL SPREAD	1.678	1.678	1.678
EXTREME SPREAD	2.854	2.502	2.268
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	