

CS348911

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Aims 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:		RE00049191				Serial: C6348911 Model: 700 Center Fire Caliber: 7.62 NATO M24 SWS		Repairman:												
Verify Repair								Status:		Closed 7/12/02 10:33:44 AM										
Address Information																				
Customer: Received From						Return To: Received From														
Name: JOINT TRANSPORT DIV						JOINT TRANSPORT DIV														
Address 1: ATTNATZHJTM M						ATTNATZHJTM M														
Address 2: BOX 339500 MS 53 PO Box						BOX 339500 MS 53 PO Box														
City: FORT LEWIS						FORT LEWIS														
State: WA Zip Code: 98433 Country: US						State: WA Zip Code: 98433 Country: US														
FFL: ☐ ☐ ☐ ☐ ☐ ☐																				
Contact / Condition Problems Estimate History / Status Shipping / Billing																				
Contact Information						Received Condition			Accessories Received											
Phone:						Fair			<table border="1"><thead><tr><th>Code</th><th>Desc</th><th>Qty</th></tr></thead><tbody><tr><td>A007</td><td>With Studs</td><td>3</td></tr><tr><td>X001</td><td>Fr. & Rear Bases</td><td>2</td></tr></tbody></table>			Code	Desc	Qty	A007	With Studs	3	X001	Fr. & Rear Bases	2
Code	Desc	Qty																		
A007	With Studs	3																		
X001	Fr. & Rear Bases	2																		
Fax:						Condition:														
Email:						Notes:														
Comments:						CSR Notes:														
Repair Search						Refresh			Close											

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348911.___0
FILE DATE AND TIME: 07/31/2002 09:52

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.002
The Average Y Centroid of the Five Target Set:	-0.107
The Average Point of Impact of the Five Target Set:	0.107
The Average Mean Radius of the Five Target Set:	0.670
The Distance from POA to Centroid Target #1:	0.084
The Distance from Centroid Target #2 to Centroid Target #1:	0.205
The Distance from Centroid Target #3 to Centroid Target #1:	0.336
The Distance from Centroid Target #4 to Centroid Target #1:	0.092
The Distance from Centroid Target #5 to Centroid Target #1:	0.322

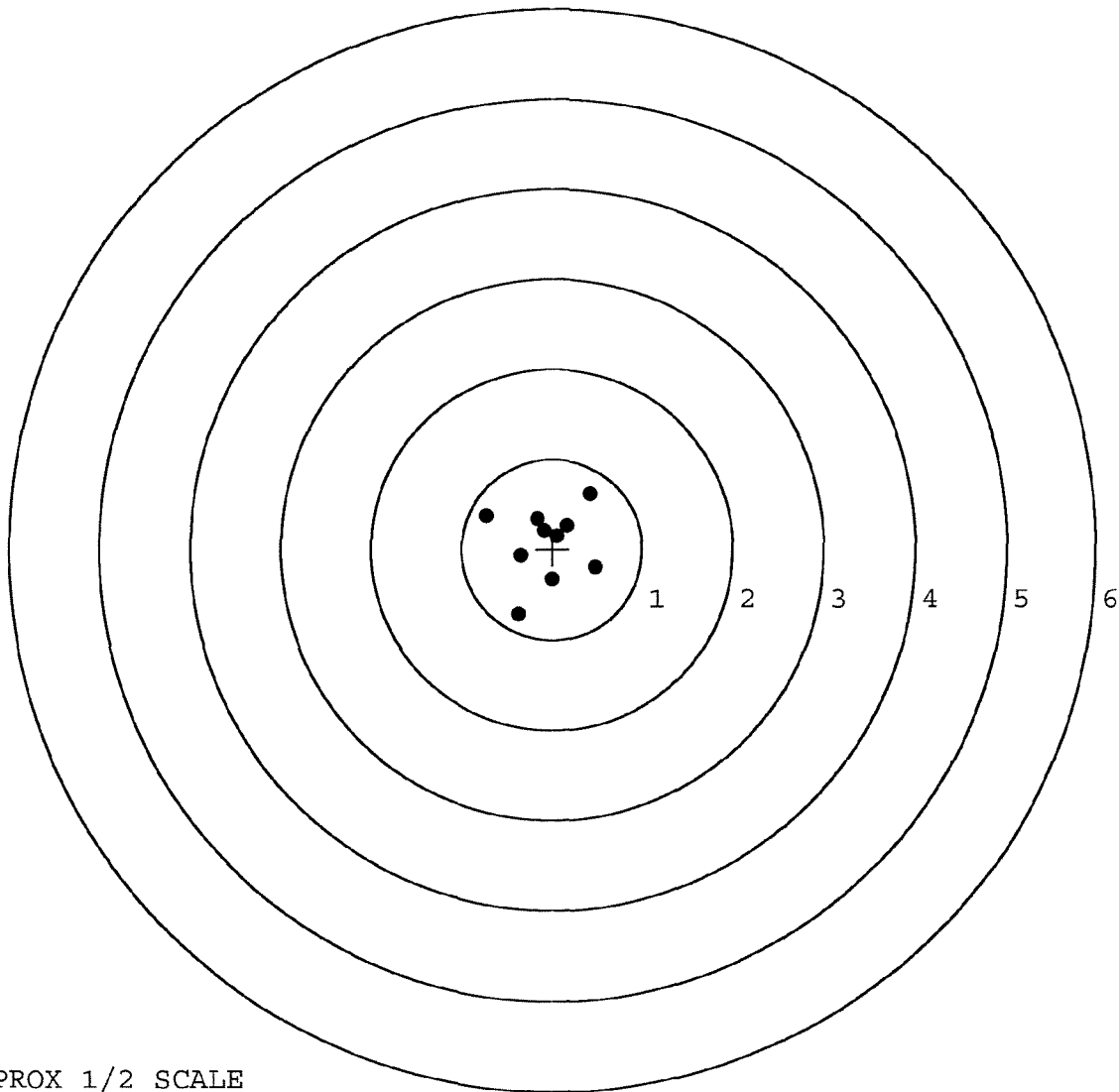
SERIAL NUMBER: C6348911. __0

TARGET NUMBER: 1

FILE DATE: 07/31/2002

FILE TIME: 09:52

	POINT#	X	Y
	1:	0.484	-0.201
	2:	-0.002	-0.344
	3:	-0.376	-0.722
	4:	-0.730	0.371
X CENTROID:	5:	-0.347	-0.075
Y CENTROID:	6:	0.425	0.620
POA TO CENTROID:	7:	-0.173	0.339
HORZ SPREAD:	8:	0.161	0.257
VERT SPREAD:	9:	0.053	0.143
GROUP SPREAD:	10:	-0.099	0.201
MIN RADIUS:		0.141	
MAX RADIUS:		0.842	
MEAN RADIUS:		0.454	
# IN 1 IN DIAMETER:		6	
# IN 2 IN DIAMETER:		10	
# in 3 IN DIAMETER:		10	



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348911. __0

TARGET NUMBER: 2

FILE DATE: 07/31/2002

FILE TIME: 09:52

X CENTROID: -0.121

Y CENTROID: -0.137

POA TO CENTROID: 0.183

HORZ SPREAD: 1.825

VERT SPREAD: 3.245

GROUP SPREAD: 3.704

MIN RADIUS: 0.252

MAX RADIUS: 2.130

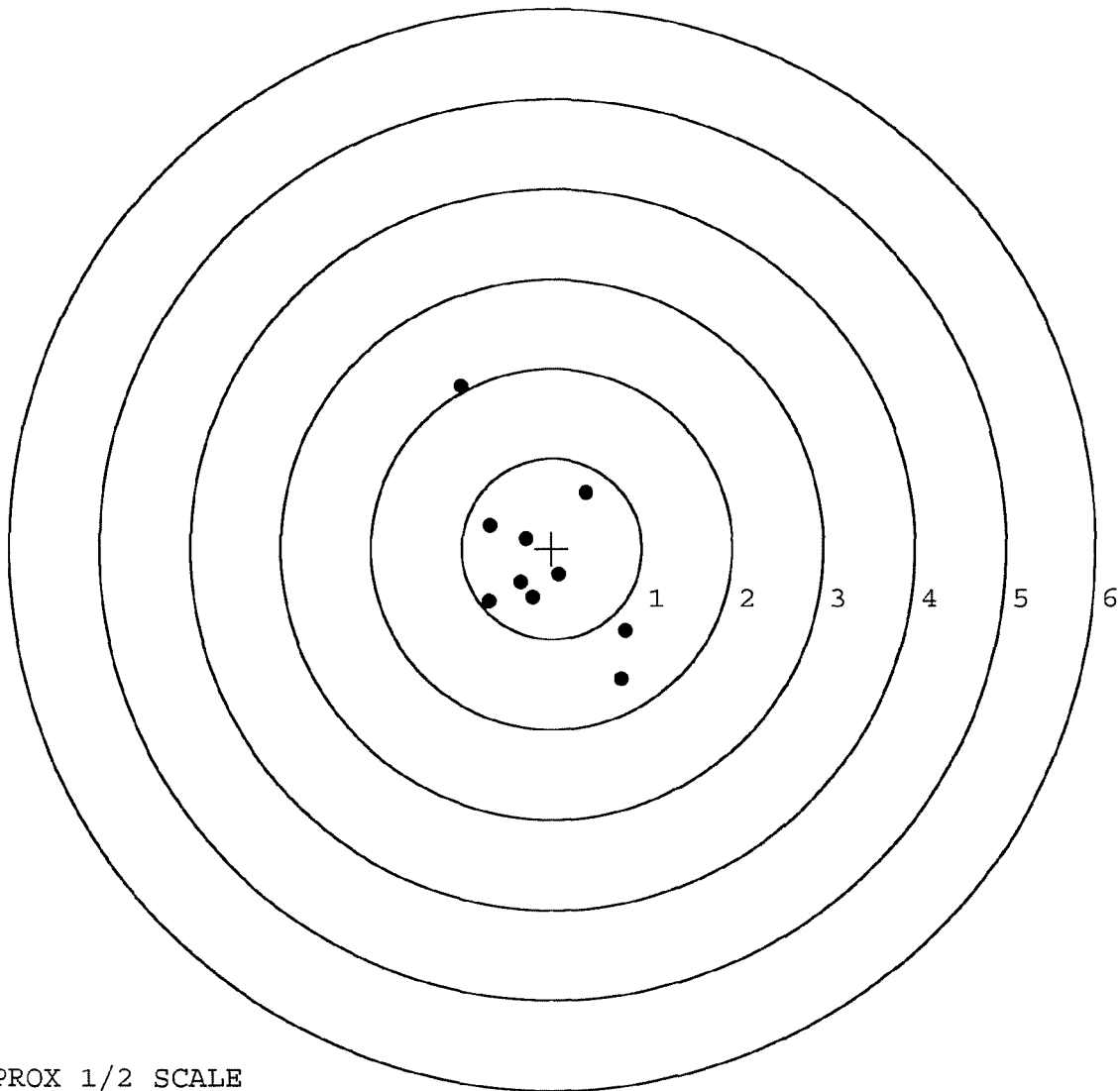
MEAN RADIUS: 0.857

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.777	-1.446
2:	0.816	-0.912
3:	-0.695	-0.587
4:	-0.218	-0.545
5:	-0.351	-0.375
6:	0.077	-0.293
7:	-0.292	0.108
8:	-0.692	0.256
9:	0.380	0.624
10:	-1.009	1.799



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348911. __0

TARGET NUMBER: 3

FILE DATE: 07/31/2002

FILE TIME: 09:52

X CENTROID: 0.063

Y CENTROID: -0.254

POA TO CENTROID: 0.262

HORZ SPREAD: 1.368

VERT SPREAD: 1.816

GROUP SPREAD: 2.072

MIN RADIUS: 0.179

MAX RADIUS: 1.332

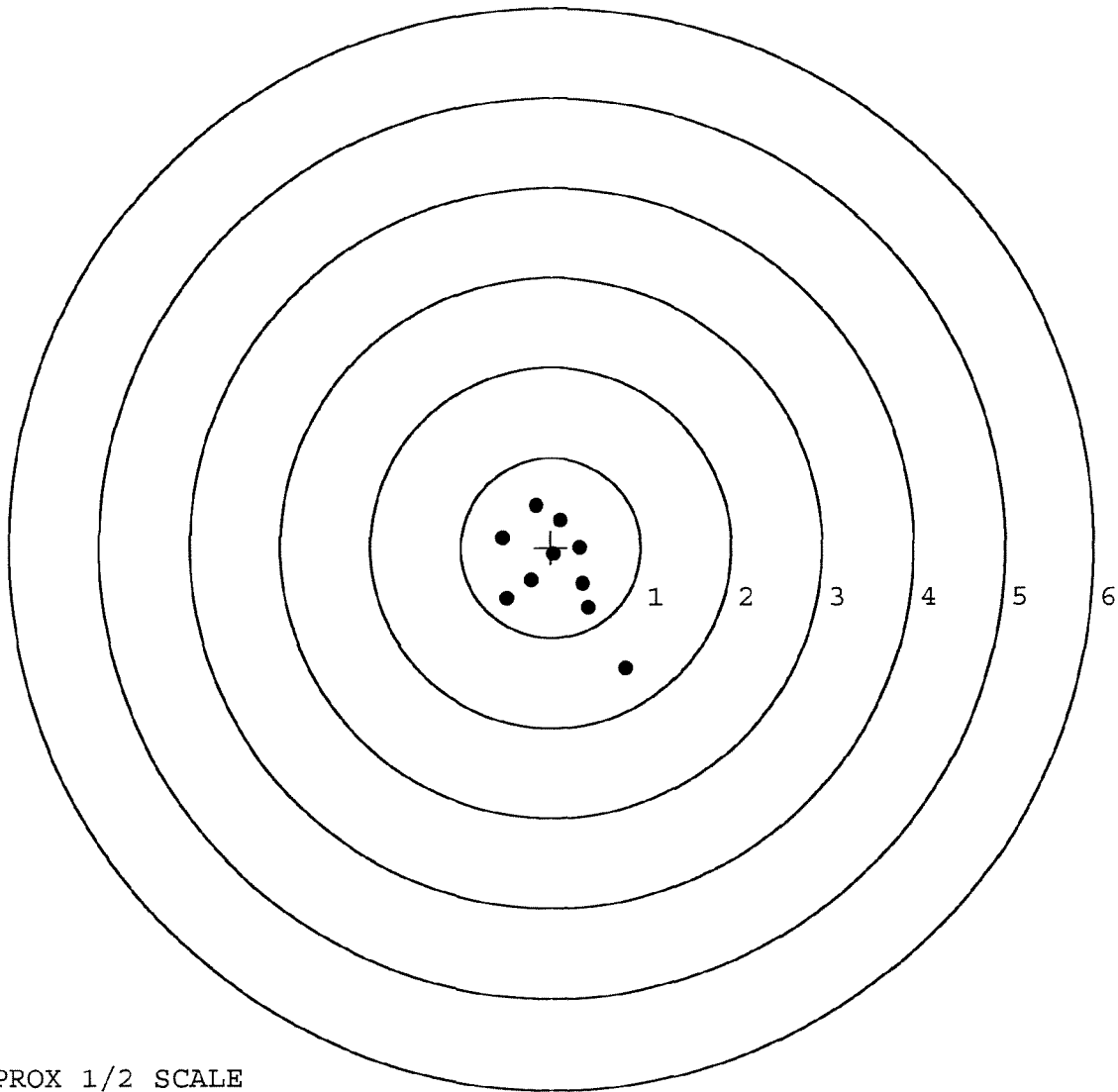
MEAN RADIUS: 0.573

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.829	-1.344
2:	0.415	-0.669
3:	0.356	-0.401
4:	0.326	0.006
5:	0.101	0.306
6:	-0.168	0.472
7:	-0.539	0.110
8:	-0.494	-0.573
9:	-0.220	-0.368
10:	0.029	-0.078



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348911. __0

TARGET NUMBER: 4

FILE DATE: 07/31/2002

FILE TIME: 09:52

X CENTROID: -0.039

Y CENTROID: -0.031

POA TO CENTROID: 0.050

HORZ SPREAD: 1.683

VERT SPREAD: 2.077

GROUP SPREAD: 2.280

MIN RADIUS: 0.273

MAX RADIUS: 1.191

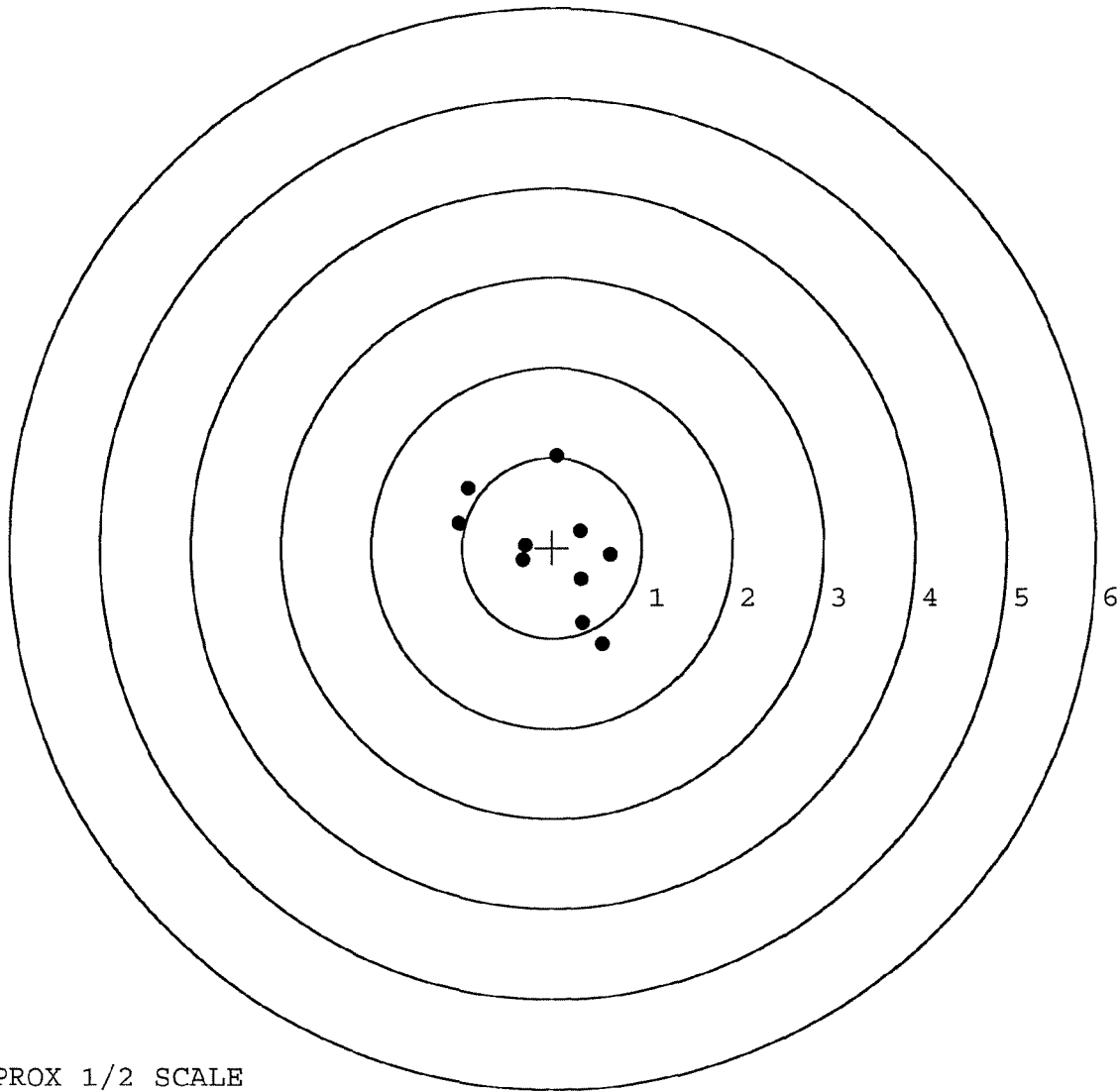
MEAN RADIUS: 0.747

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.559	-1.060
2:	0.335	-0.833
3:	0.321	-0.352
4:	0.649	-0.074
5:	0.309	0.193
6:	-0.333	-0.144
7:	-0.306	0.026
8:	-1.034	0.262
9:	-0.940	0.658
10:	0.048	1.017



TARGET APPROX 1/2 SCALE

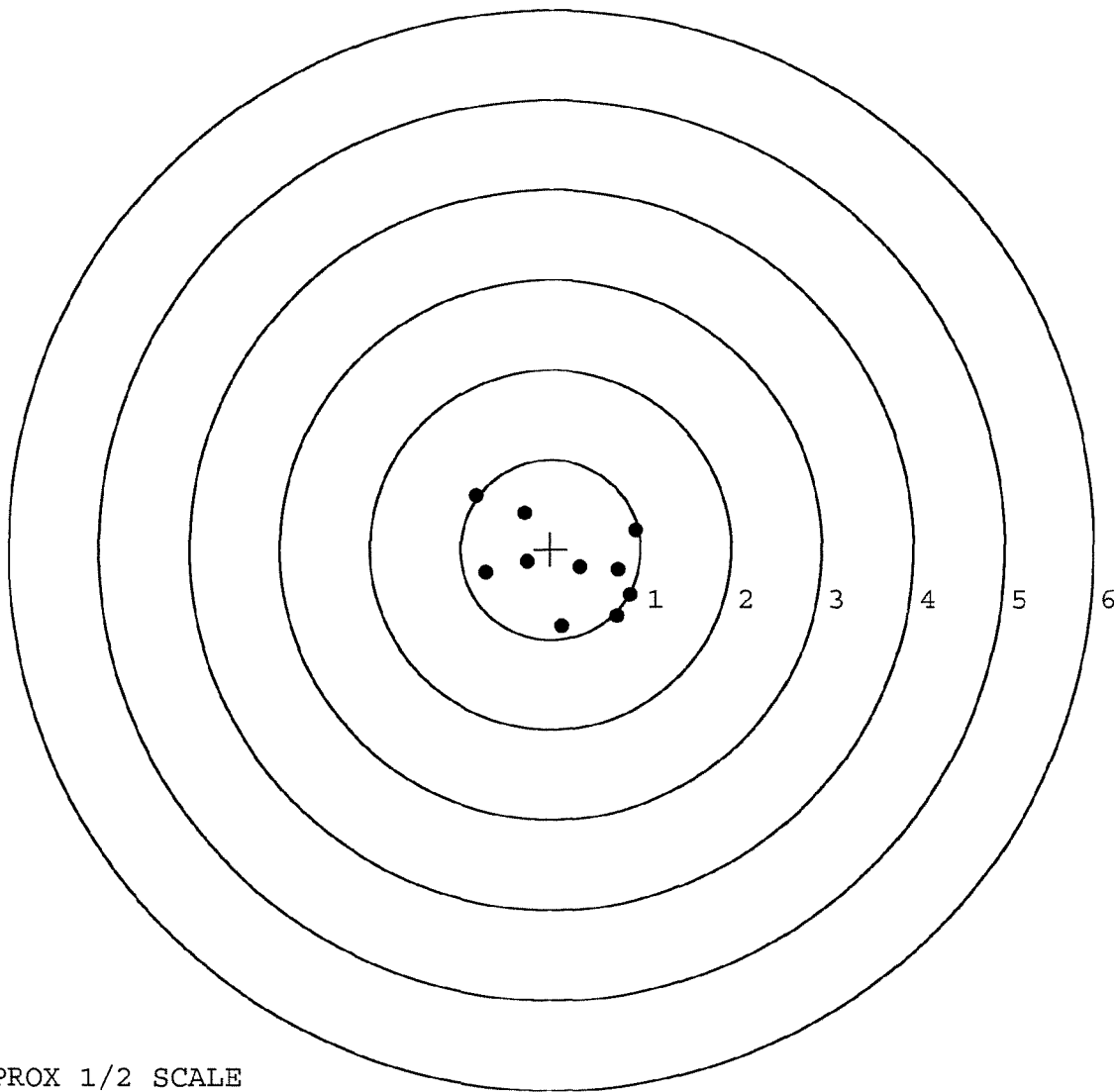
SERIAL NUMBER: C6348911. __0

TARGET NUMBER: 5

FILE DATE: 07/31/2002

FILE TIME: 09:52

	POINT#	X	Y
	1:	0.945	0.218
	2:	0.735	-0.734
	3:	0.884	-0.503
	4:	0.753	-0.223
X CENTROID:	5:	0.328	-0.196
Y CENTROID:	6:	0.121	-0.858
POA TO CENTROID:	7:	-0.260	-0.140
HORZ SPREAD:	8:	-0.718	-0.265
VERT SPREAD:	9:	-0.297	0.401
GROUP SPREAD:	10:	-0.829	0.599
MIN RADIUS:		0.164	
MAX RADIUS:		1.258	
MEAN RADIUS:		0.721	
# IN 1 IN DIAMETER:		2	
# IN 2 IN DIAMETER:		9	
# in 3 IN DIAMETER:		10	



TARGET APPROX 1/2 SCALE

Final Inspection

Sn: C6348911

DATE REC'D: 2/12/02

DATE RET'D: 8/2/02

Auditor: RL

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: _____

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

R & E NUMBER	*f9191		
SERIAL NUMBER	C6348911		
LOG-IN DATE	7/11/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	7/16/02	RL
560 A	RE-BARREL	7/16/02	DA
B	DRILL AND TAP	7-17-02	AC
575	ASSEMBLE	7/19/02	RL
600	PROOF	7-20-02	AC
605	CHECK HEADSPACE	7/22/02	RL
610	DIS-ASSEMBLE GUN	7/22/02	RL
612	MAGNAFLUX	MAGNA-INSPECTED	
615	ROLLMARK CALIBER	JUL 23 2002 7/23/02	TRW
618	ROTO-BLAST	OPERATOR RR 7/25/02	AO
620	APPLY COATINGS	7-26	TA
625 A	FINAL ASSEMBLY	7/29/02	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	7/30/02	TRW
655	FINAL INSPECT	8-2-02	RL
660	PACK	8-2-02	DA
		SHIP DATE	
	QAR INSPECTION DATE		

Remington[®]


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

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

MODEL 700 TM H24	SERIAL NO. C6348911
	ORDER NO. 5716

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

01

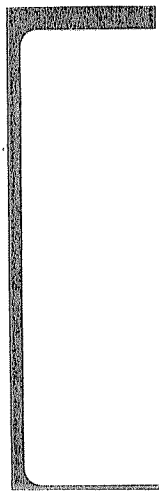


5716 C6348911

UPC



0 47700 25716 7



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CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348911

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 14	89	RW
600	Proof	9 14	89	RW
607	Check Headspace	9 14	89	RW
610	Dis-assemble Gun	9 14	89	RW
612	Magnaflux Barrel Action	9-14-89		KCR
	Magnaflux Bolt	9-14-89		KCR
615	Rollmark Caliber		9-15-89	GS
7	Drill and Tap Sight Holes	9 15	89	FB
618	Polish Barrel	9 15	89	BT
620	Apply Coatings (Barrel Action)		9-15-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/26/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/26/89	RW
	C) Inspect Ejector Hole for Chamfer		9/26/89	RW
	D) Oil Firing Pin Ass'y		9/26/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/6/89	918

op. #	BARBER - M24 0041376 OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	6	6	6	10/17/89	JK
	G) Safety Off Force	4	4	4	10/17/89	JK
	H) Trigger Pull Test & Retainability				10/17/89	JK
	I) Firing Pin Indent	.0215	.022	.022	10/17/89	JK
	J) Assemble Stock				11/7/89	RW
	K) Assemble Swivel Studs				11/7/89	JK
	L) Attach Front and Rear Sight Assemblies				11/7/89	RW
	M) Iron Sight Alignment				11/7/89	RW
	N) Detach Front & Rear Sights & place in numbered container				11/7/89	RW
	O) Attach Scope to Rifle				11-7-89	JK
	P) Detach & Attach Scope 20 Times				11-7-89	JK
640	Gallery Target & Test				11-8-89	K
	A) Time				11-8-89	AC
	B) Malfunctions				11-8-89	AC
	C) Pierced Primers				11-8-89	AC
	D) Optical Clarity of Scope				11-8-89	AC
645	Inspect for Live Ammo				11-8-89	AC
655	Final Inspection				10/18/89	JK
	A) Headspace				10/18/89	JK
	B) Trigger Pull	258	239	248	10/18/89	JK
	C) Function				10/18/89	JK
660	Pack				14 Dec 89	JK

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 6348911

DATE 3/29/90

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.29	2.13	2.31	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.19	2.24	2.39	
PULL #3	2.26	2.30	2.32	
PULL #4	2.16	2.26	2.33	
PULL #5	2.19	2.23	2.38	
TOTAL	11.09	11.16	11.73	
AVG.	2.21	2.23	2.34	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.38	3.37	
PULL #2	3.47	3.39	
PULL #3	3.04	3.42	
PULL #4	3.45	3.49	
PULL #5	3.45	3.50	
TOTAL	16.79	17.17	
AVG.	3.35	3.43	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.14	4.18		
PULL #2	4.13	4.18		
PULL #3	4.08	4.17		
PULL #4	4.12	4.22		
PULL #5	4.11	4.19		
TOTAL	20.58	20.94		
AVG.	4.11	4.18		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348911
8 Nov 1989

CENTROIDAL DISTANCES

0 TO	1	.412495
1 TO	2	.400769
1 TO	3	.124197
1 TO	4	.068942
1 TO	5	.57546

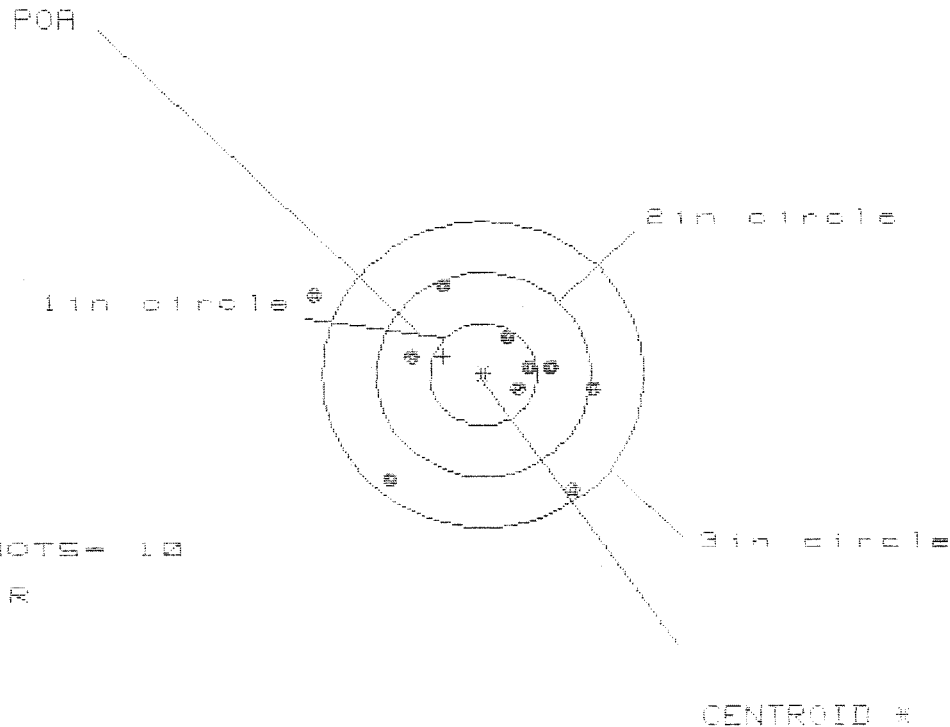
5
4
3
2
1
0
←----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3194
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1442
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .350443
THE AMR FOR THIS RIFLE IS: .9166

8 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/05348911

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.040

VS= 1.991

GS= 3.093

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.075	.900	.984
MINIMUM X	-1.571	-1.095	-1.011
MAXIMUM Y	.834	.919	.785
MINIMUM Y	-1.157	-1.072	-1.032
CENTROID X	.374	.548	.464
CENTROID Y	-.174	-.259	-.125
POR TO CENTROID in.	.412	.606	.480
MIN RADIUS	.389	.202	.321
MEAN RADIUS	.911	.778	.709
MAX RADIUS	1.749	1.416	1.445
HORIZONTAL SPREAD	2.646	1.995	1.995
VERTICAL SPREAD	1.991	1.991	1.817
EXTREME SPREAD	3.093	2.362	2.155
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

6 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06348911

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS= 2.038

VS= 1.796

GS= 2.642

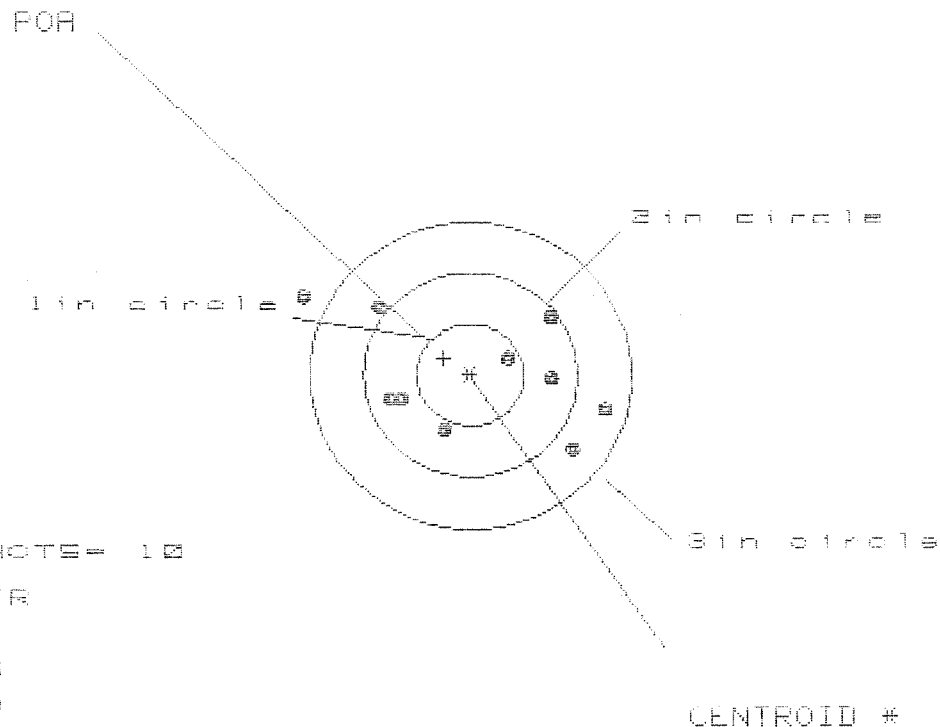
CENTROID #

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.865	.735	.814
MINIMUM X	-1.173	-1.223	-1.144
MAXIMUM Y	.891	.480	.379
MINIMUM Y	-.905	-.806	-.846
CENTROID X	.220	.350	.271
CENTROID Y	-.544	-.643	-.542
POA TO CENTROID in.	.587	.732	.606
MIN RADIUS	.266	.387	.269
MEAN RADIUS	.842	.771	.715
MAX RADIUS	1.473	1.238	1.181
HORIZONTAL SPREAD	2.038	1.958	1.958
VERTICAL SPREAD	1.796	1.286	1.225
EXTREME SPREAD	2.642	2.004	2.004
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

8 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348911

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS = 2.728

VS = 1.402

GS = 2.935

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.207	1.038	.874
MINIMUM X	-1.521	-.998	-.868
MAXIMUM Y	.717	.770	.734
MINIMUM Y	-.685	-.605	-.641
CENTROID X	.250	.419	.289
CENTROID Y	-.167	-.247	-.211
POA TO CENTROID in.	.301	.486	.358
MIN RADIUS	.412	.325	.399
MEAN RADIUS	.932	.826	.793
MAX RADIUS	1.682	1.261	1.137
HORIZONTAL SPREAD	2.728	2.036	1.742
VERTICAL SPREAD	1.402	1.375	1.375
EXTREME SPREAD	2.935	2.294	2.219
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

8 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B911

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 10

HE = 2.402

VS = 2.116

GS = 2.548

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.021	.868	.931
MINIMUM X	-1.381	-1.266	-1.158
MAXIMUM Y	1.099	1.087	1.179
MINIMUM Y	-1.017	-1.029	-0.937
CENTROID X	.402	.555	.447
CENTROID Y	-.237	-.226	-.318
POA TO CENTROID in.	.467	.600	.549
MIN RADIUS	.270	.399	.259
MEAN RADIUS	.971	.919	.875
MAX RADIUS	1.385	1.271	1.190
HORIZONTAL SPREAD	2.402	2.134	2.089
VERTICAL SPREAD	2.116	2.116	2.116
EXTREME SPREAD	2.548	2.294	2.193
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	10		

8 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08348911

CENTERFIRE PATTERNS # 5

POR

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 2.805

VS= 1.340

GS= 3.034

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.367	1.130	1.182
MINIMUM X	-1.593	-1.036	-.955
MAXIMUM Y	.530	.588	.551
MINIMUM Y	-.810	-.752	-.709
CENTROID X	.351	.528	.387
CENTROID Y	.401	.343	.380
POR TO CENTROID in.	.533	.630	.542
MIN RADIUS	.290	.269	.282
MEAN RADIUS	.897	.796	.741
MAX RADIUS	1.681	1.244	1.217
HORIZONTAL SPREAD	2.905	2.226	2.137
VERTICAL SPREAD	1.340	1.340	1.340
EXTREME SPREAD	3.034	2.37	2.153
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	