

C6349029

MODEL 700™ M24

Model **SMS**™

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: **RE00092855** Serial: C6349029 Model: M24 SWS Center Fire
 Verify Repair: [REDACTED] Caliber: 7.62 NATO Produced: 06/19/1990 Repairman: [REDACTED]
 Status: Closed 2/10/2005 11:38:20 AM

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: DEF DIST DEPOT ANNISTON DEF DIST DEPOT ANNISTON

Address 1: [REDACTED] Address 2: [REDACTED] PO Box: [REDACTED]

City: ANNISTON ANNISTON

State: AL Zip Code: 362014199 Country: US State: AL Zip Code: 362014199 Country: US

FFL: [REDACTED]

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: [REDACTED] Fax: [REDACTED] Email: [REDACTED] Comments: [REDACTED]

Received Condition: Good

Condition Notes: [REDACTED]

CSR Notes: [REDACTED]

Accessories Received:

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A012	Scope Base	1
A026	Scope	1
A057	Frt and Rear Sgt Base	1

Repair Search Refresh Close

maglet 2/14/2005 9:21 AM CAPS NUM INS SCPL

start 5 2 4 Arms Services

Serial Number: **C6349029**

Model: **M24 SWS**



RE00092855

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

3.00 LBS (plus or minus 0.75 LBS)

4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO. _____

DATE

6-21-05

TESTER

TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.48	2.47		2.13	
PULL #2	2.31	2.58		2.15	
PULL #3	2.19	2.43		2.06	
PULL #4	2.39	2.56		2.20	
PULL #5	2.27	2.55		2.22	
TOTAL	11.64	12.56		10.76	
AVERAGE	2.32	2.51		2.15	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.12	3.19		
PULL #2	3.21	3.16		
PULL #3	3.15	3.10		
PULL #4	3.17	3.17		
PULL #5	3.02	3.17		
TOTAL	15.67	15.79		
AVERAGE	3.13	3.15		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.20	4.16		4.29
PULL #2	4.05	4.03		4.00
PULL #3	4.02	4.03		3.90
PULL #4	4.10	3.97		3.92
PULL #5	3.98	4.03		3.93
TOTAL	20.35	20.22		20.04
AVERAGE	4.07	4.04		4.00

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349029.__0
FILE DATE AND TIME: 06/30/2005 09:10

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.093
The Average Y Centroid of the Five Target Set:	-0.017
The Average Point of Impact of the Five Target Set:	0.095
The Average Mean Radius of the Five Target Set:	0.876
The Distance from POA to Centroid Target #1:	0.390
The Distance from Centroid Target #2 to Centroid Target #1:	0.931
The Distance from Centroid Target #3 to Centroid Target #1:	0.282
The Distance from Centroid Target #4 to Centroid Target #1:	0.456
The Distance from Centroid Target #5 to Centroid Target #1:	0.581

SERIAL NUMBER: C6349029. __0

TARGET NUMBER: 1

FILE DATE: 06/30/2005

FILE TIME: 09:10

X CENTROID: 0.190

Y CENTROID: -0.340

POA TO CENTROID: 0.390

HORZ SPREAD: 3.307

VERT SPREAD: 2.257

GROUP SPREAD: 3.462

MIN RADIUS: 0.148

MAX RADIUS: 2.188

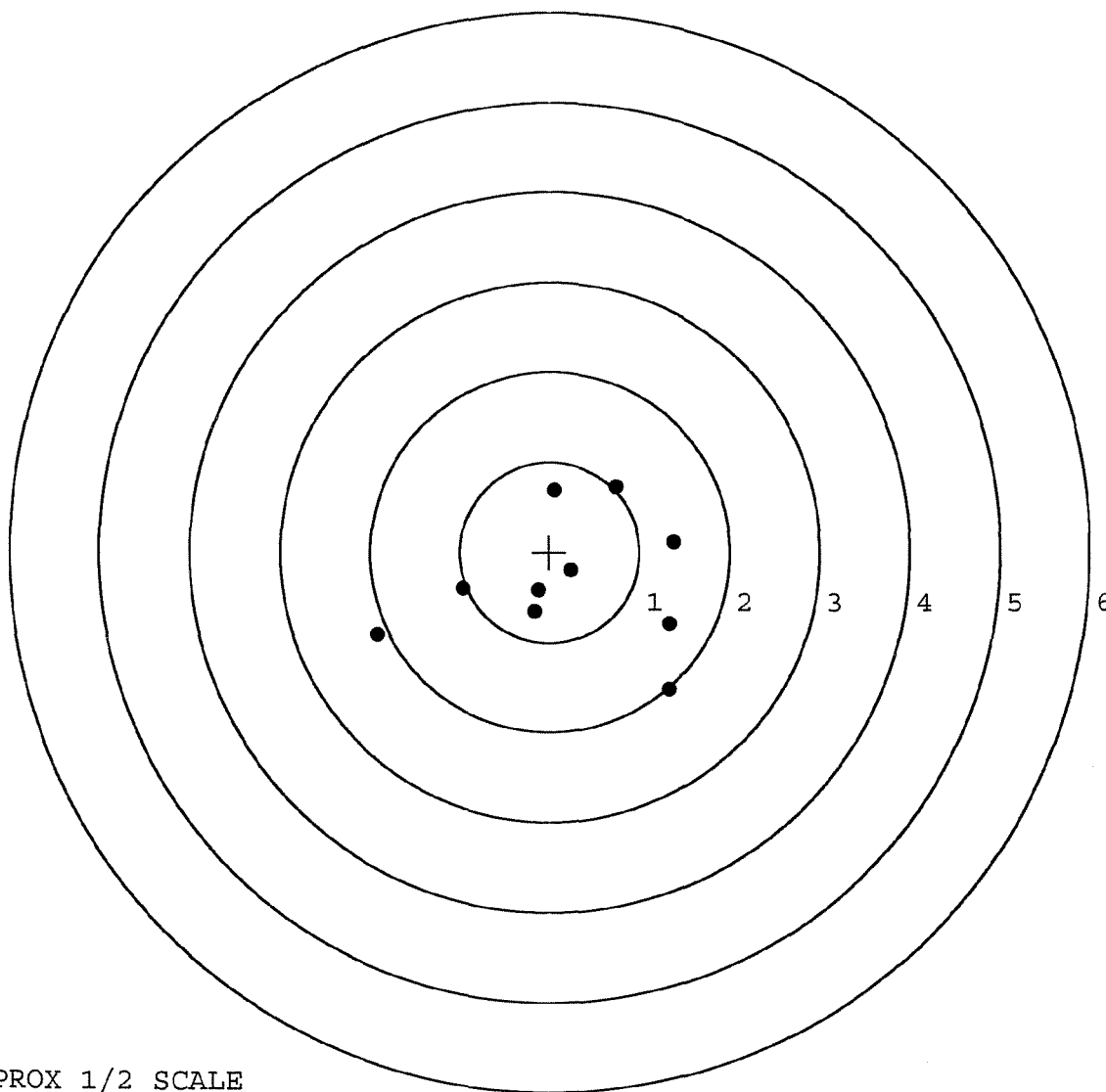
MEAN RADIUS: 1.069

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.329	-1.532
2:	1.333	-0.797
3:	1.383	0.117
4:	0.734	0.725
5:	0.244	-0.203
6:	0.059	0.684
7:	-0.125	-0.422
8:	-0.173	-0.664
9:	-0.962	-0.405
10:	-1.924	-0.907

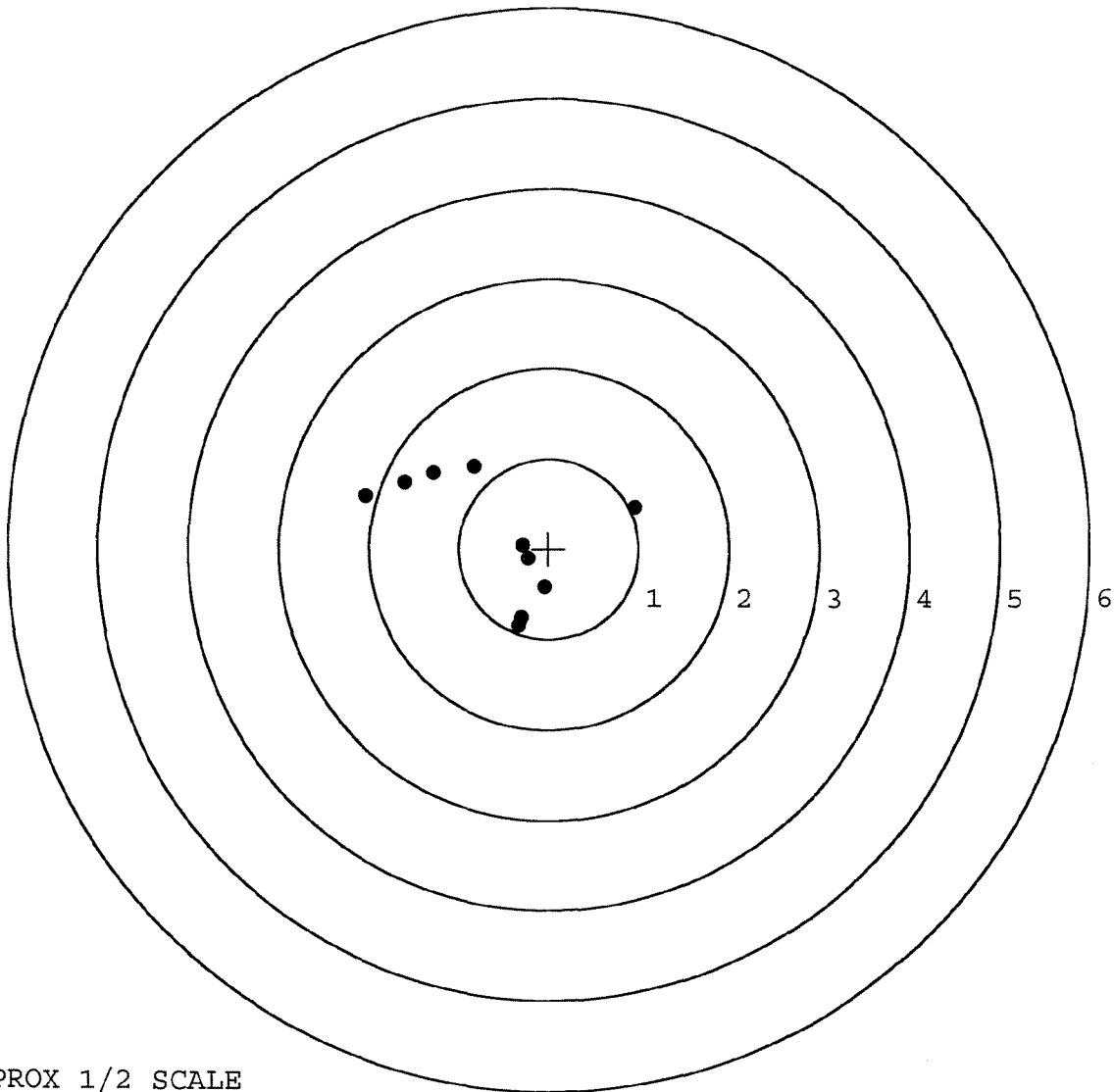


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349029. __0
TARGET NUMBER: 2
FILE DATE: 06/30/2005
FILE TIME: 09:10

X CENTROID: -0.603
Y CENTROID: 0.147
POA TO CENTROID: 0.621
HORZ SPREAD: 2.998
VERT SPREAD: 1.781
GROUP SPREAD: 3.001
MIN RADIUS: 0.327
MAX RADIUS: 1.588
MEAN RADIUS: 0.963
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.954	0.460
2:	-0.048	-0.433
3:	-0.231	-0.109
4:	-0.293	0.043
5:	-0.344	-0.858
6:	-0.310	-0.761
7:	-0.829	0.923
8:	-1.286	0.850
9:	-1.601	0.748
10:	-2.044	0.604



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349029. __0

TARGET NUMBER: 3

FILE DATE: 06/30/2005

FILE TIME: 09:10

X CENTROID: 0.109

Y CENTROID: -0.070

POA TO CENTROID: 0.130

HORZ SPREAD: 1.775

VERT SPREAD: 2.334

GROUP SPREAD: 2.708

MIN RADIUS: 0.258

MAX RADIUS: 1.386

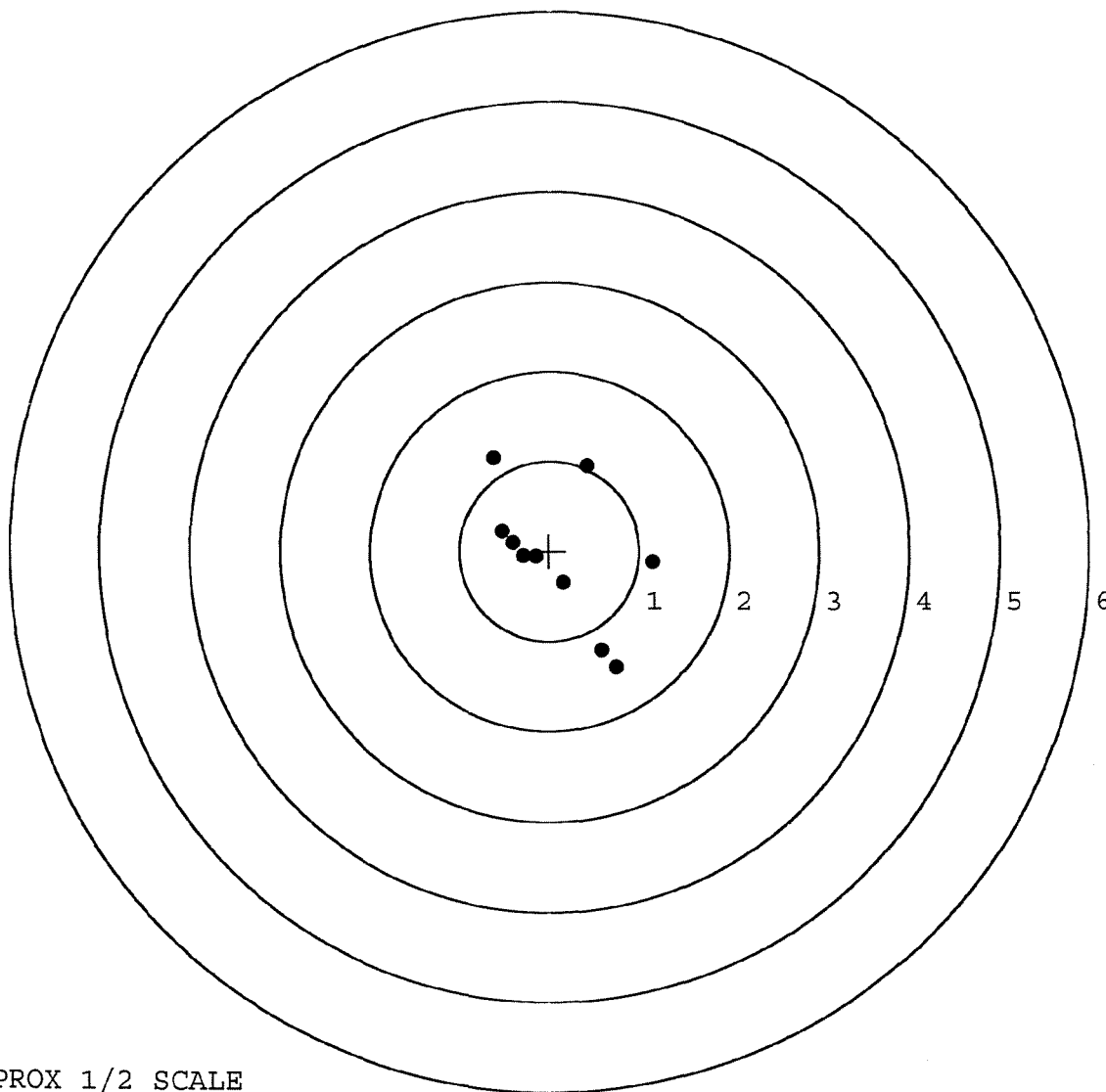
MEAN RADIUS: 0.814

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.750	-1.299
2:	0.593	-1.101
3:	1.151	-0.123
4:	0.160	-0.358
5:	-0.148	-0.066
6:	-0.287	-0.056
7:	-0.405	0.094
8:	-0.521	0.220
9:	0.426	0.952
10:	-0.624	1.035



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349029. __0

TARGET NUMBER: 4

FILE DATE: 06/30/2005

FILE TIME: 09:10

POINT#	X	Y
1:	0.708	-0.629
2:	0.408	0.105
3:	0.495	0.610
4:	0.338	0.460
5:	0.082	0.378
6:	-0.142	-0.264
7:	0.031	-0.501
8:	-0.269	-0.593
9:	-0.856	0.114
10:	-0.418	1.218

X CENTROID: 0.038

Y CENTROID: 0.090

POA TO CENTROID: 0.097

HORZ SPREAD: 1.564

VERT SPREAD: 1.847

GROUP SPREAD: 2.163

MIN RADIUS: 0.292

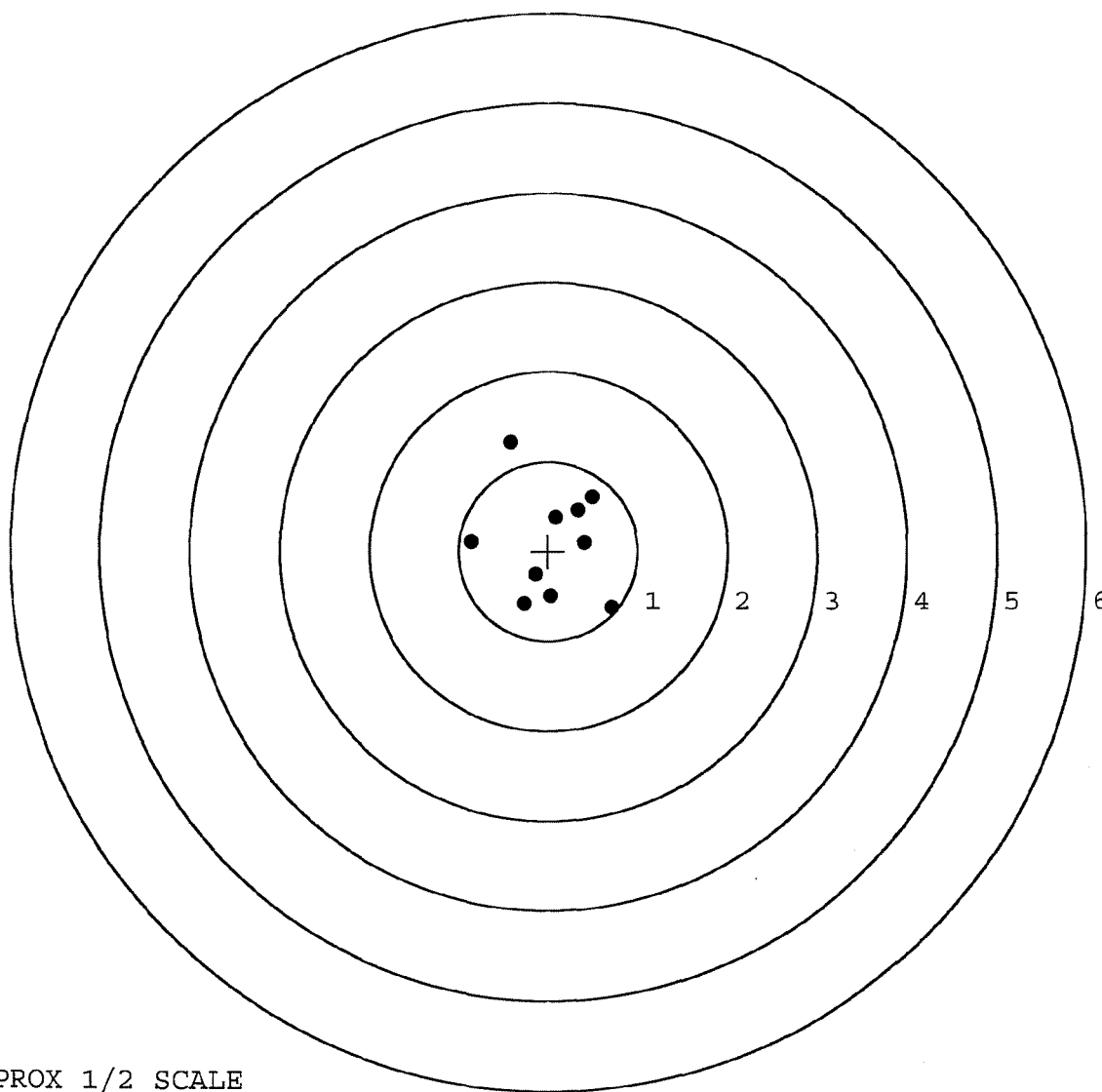
MAX RADIUS: 1.217

MEAN RADIUS: 0.666

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349029. __0

TARGET NUMBER: 5

FILE DATE: 06/30/2005

FILE TIME: 09:10

POINT#	X	Y
1:	1.049	-0.322
2:	0.470	0.313
3:	0.194	-0.565
4:	0.061	-0.006
5:	-0.292	-0.378
6:	-0.753	-0.843
7:	-1.621	0.010
8:	-0.931	1.598
9:	-0.084	0.673
10:	-0.089	0.425

X CENTROID: -0.200

Y CENTROID: 0.091

POA TO CENTROID: 0.219

HORZ SPREAD: 2.670

VERT SPREAD: 2.441

GROUP SPREAD: 2.758

MIN RADIUS: 0.278

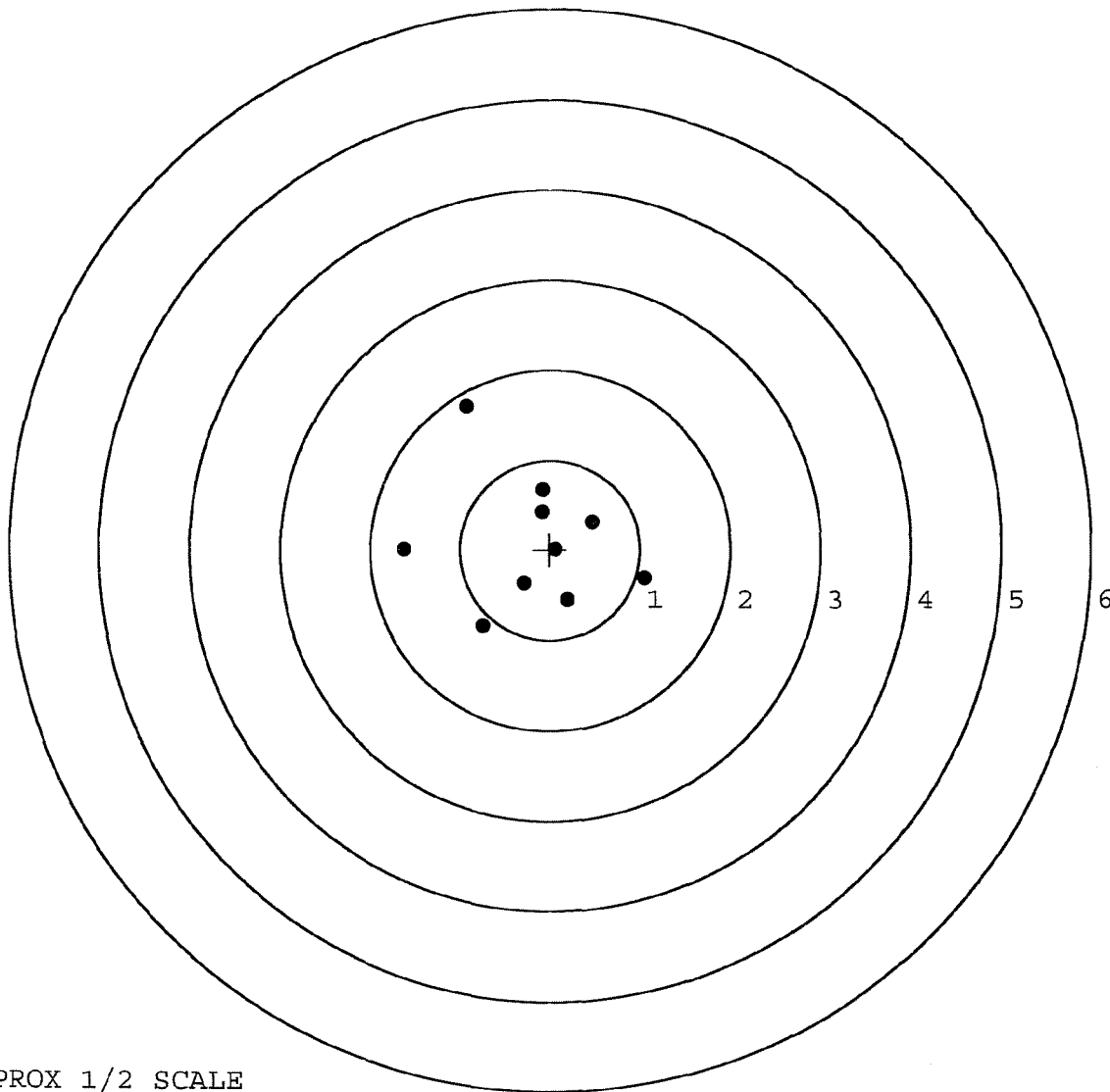
MAX RADIUS: 1.676

MEAN RADIUS: 0.867

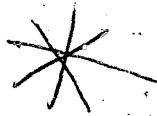
IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE



M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	92855		
SERIAL NUMBER	C6349029		
LOG-IN DATE	2-10-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5-26-05	RTL
560 A	RE-BARREL	6-6-05	RTL
B	DRILL AND TAP	6-8-05	TRW
575	ASSEMBLE	6-6-05	RTL
600	PROOF	6-7-05	AC
605	CHECK HEADSPACE	6-7-05	AC
610	DIS-ASSEMBLE GUN	6-7-05	RTL
612	MAGNAFLUX OPERATOR <i>unmb</i>	6-9-05	<i>unmb</i>
615	ROLLMARK CALIBER	6-9-05	CW
618	ROTO-BLAST	6-10-05	LB
620	APPLY COATINGS	6-13-05	W
625 A	FINAL ASSEMBLY	6-27-05	RTL
B	TRIGGER PULL TEST	7-14-05	AC
C	SAFETY "ON" FORCE	7-14-05	AC
D	SAFETY "OFF" FORCE	7-14-05	AC
E	FIRING PIN INDENT	7-14-05	AC
640	TARGET	6-28-05	TRW
655	FINAL INSPECT	7-14-05	AC
660	PACK	9-6-05	DA
		SHIP DATE	
QAR INSPECTION DATE			

Remington®

MODEL 700™ H24

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

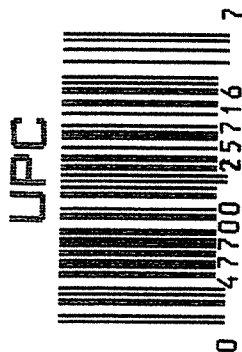
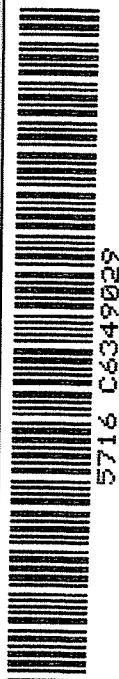
DUPONT
REG. U.S. PAT. & TM. OFF.

SERIAL NO.
C6349029

ORDER NO.
5716

Ø1

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



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349029

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 30	90	RW
600	Proof	1 30	90	A
607	Check Headspace	1 30	90	A
610	Dis-assemble Gun	1 30	90	RW
612	Magnaflux Barrel Action	2-5-90		KCR
	Magnaflux Bolt	2-5-90		
615	Rollmark Caliber	2-5-90		ES
617	Drill and Tap Sight Holes	2-5-90		FB
618	Polish Barrel RB	2-5-90		WOB
620	Apply Coatings (Barrel Action)		2-17-90	JA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		4/19/90	WOB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/19/90	WOB
	C) Inspect Ejector Hole for Chamfer		4/18/90	RW
	D) Oil Firing Pin Ass'y		4/18/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/23/90	JA

4 4 4
2 2 2

4/24/90 JH
4/24/90 JH.

.023 .023 .023

4/23/90 JH
4/24/90 JH.
4/24/90 RW
4/30/90 WB

4/24/90 RW
4/24/90 RW
4/24/90 RW

4/25/90 JH

4/25/90 JH

4-25-90 AC

4-25-90 AC

4-25-90 AC

4-25-90 AC

4-25-90 AC

4-25-90 AC

4/30/90 WB

4/26/90 WB

4/30/90 WB

6-19-90 DH

1. Attach Scope to Rifle

2. Detach Scope from Rifle

3. Attach Front and Rear Sights

4. Detach Scope from Rifle

5. Detach Scope from Rifle

6. Attach Scope to Rifle

7. Detach Scope from Rifle

8. Attach Scope to Rifle

9. Detach Scope from Rifle

10. Attach Scope to Rifle

11. Detach Scope from Rifle

12. Attach Scope to Rifle

13. Detach Scope from Rifle

14. Attach Scope to Rifle

15. Detach Scope from Rifle

16. Attach Scope to Rifle

17. Detach Scope from Rifle

18. Attach Scope to Rifle

19. Detach Scope from Rifle

20. Attach Scope to Rifle

21. Detach Scope from Rifle

22. Attach Scope to Rifle

23. Detach Scope from Rifle

24. Attach Scope to Rifle

25. Detach Scope from Rifle

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06349029

DATE 4/23/90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.55	2.58	2.13	2.70	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.52	2.55	2.06	2.70	
PULL #3	2.54	2.55	2.09	2.73	
PULL #4	2.51	2.19	2.09	2.76	
PULL #5	2.51	2.22	2.16	2.76	
TOTAL	12.63		10.53		
AVG.	2.526		2.106		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.53	3.50		
PULL #2	3.45	3.51		
PULL #3	3.54	3.12		
PULL #4	3.55	3.10		
PULL #5	3.56	3.02		
TOTAL	17.73	16.25		
AVG.	3.546	3.25		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.24		4.37
PULL #2	4.26	4.15		4.29
PULL #3	4.27	4.29		4.29
PULL #4	4.25	4.28		4.34
PULL #5	4.24	4.26		4.32
TOTAL	21.26	21.22		21.61
AVG.	4.252	4.244		4.322

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349029
25 Apr 1990

CENTROIDAL DISTANCES

0 TO	1	.460014
1 TO	2	.571948
1 TO	3	.389401
1 TO	4	.348761
1 TO	5	.216391

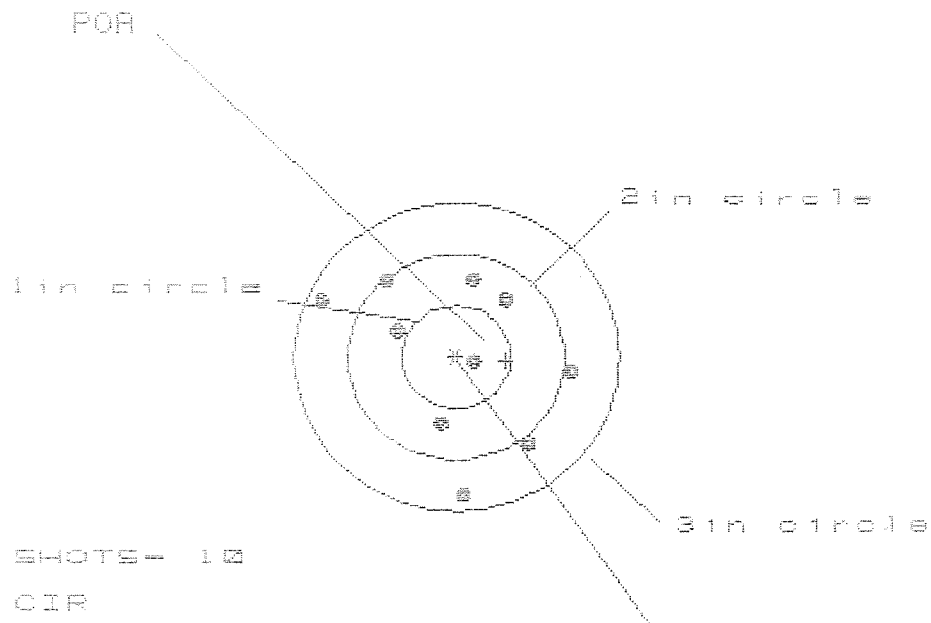
$\bar{x}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.19
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0708
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .202763
THE AMR FOR THIS RIFLE IS: .8584

25 Apr 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349029

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.344

VS= 2.093

GS= 2.459

CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.081	.941	.925
MINIMUM X	:	-1.263	-.795	-.811
MAXIMUM Y	:	.776	.842	.686
MINIMUM Y	:	-1.317	-1.251	-.900
CENTROID X	:	-.458	-.318	-.302
CENTROID Y	:	.043	-.023	.133
FOR TO CENTROID in.	:	.460	.319	.330
MIN RADIUS	:	.197	.087	.100
MEAN RADIUS	:	.875	.802	.728
MAX RADIUS	:	1.395	1.257	1.062
HORIZONTAL SPREAD	:	2.344	1.736	1.736
VERTICAL SPREAD	:	2.093	2.093	1.586
EXTREME SPREAD	:	2.459	2.197	2.058
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

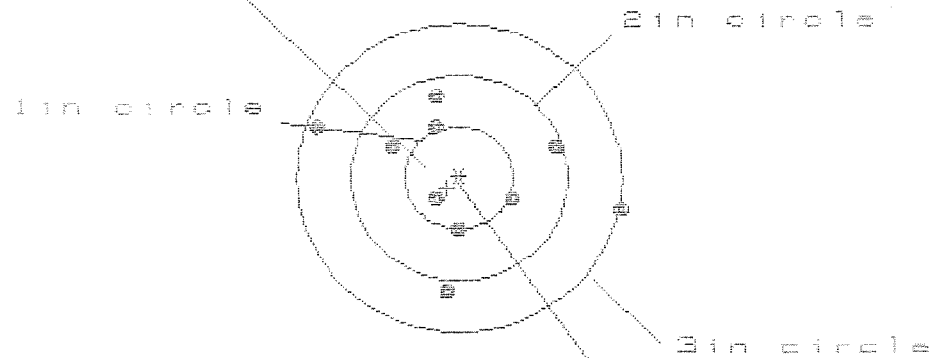
25 Apr 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6349029

CENTERFIRE PATTERNS

2

POB



OF SHOTS: 10

IN CIR

1in = 1

2in = 7

3in = 10

HSI = 0.0002

VSI = 1.0002

CSI = 0.0000

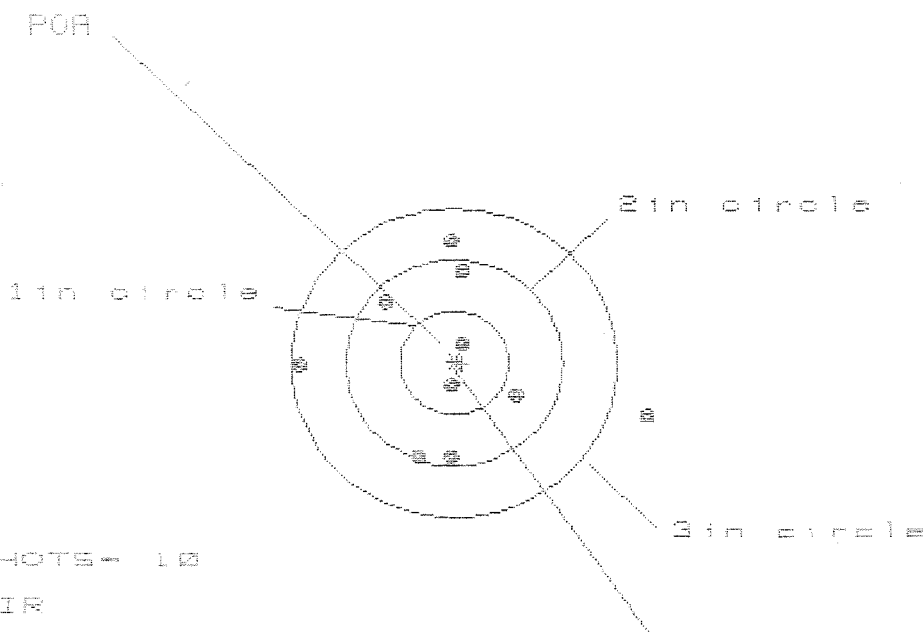
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.462	1.038	.890
MINIMUM X	:	-1.340	-1.177	-.603
MAXIMUM Y	:	.780	.750	.804
MINIMUM Y	:	-1.052	-1.082	-1.028
CENTROID X	:	.111	-.052	.096
CENTROID Y	:	.101	.131	.077
POB TO CENTROID in.	:	.150	.141	.123
MIN RADIUS	:	.315	.246	.288
MEAN RADIUS	:	.824	.733	.664
MAX RADIUS	:	1.487	1.256	1.031
HORIZONTAL SPREAD	:	2.802	2.215	1.493
VERTICAL SPREAD	:	1.832	1.832	1.832
EXTREME SPREAD	:	2.898	2.225	1.837
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

25 Apr 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349029

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 3.198

VS= 2.101

GS= 3.247

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.796	.810	.660
MINIMUM X	-1.402	-1.203	-.620
MAXIMUM Y	1.177	1.117	1.112
MINIMUM Y	-.924	-.984	-.989
CENTROID X	-.070	-.269	-.119
CENTROID Y	.010	.070	.075
POA TO CENTROID in.	.070	.278	.140
MIN RADIUS	.196	.304	.172
MEAN RADIUS	.931	.828	.755
MAX RADIUS	1.876	1.204	1.114
HORIZONTAL SPREAD	3.198	2.013	1.280
VERTICAL SPREAD	2.101	2.101	2.101
EXTREME SPREAD	3.247	2.115	2.115
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

25 Apr 1994

FILE:/PATTERNING/CENTERFIRE_PATT/CG349029

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

HS= 2.066

VS= 1.983

GS= 2.077

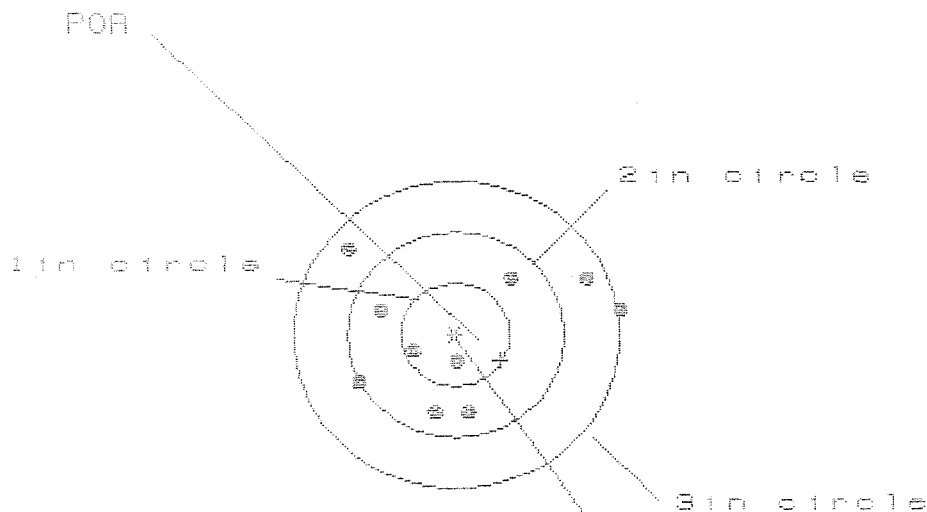
CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.335	.731	.745
MINIMUM X	-.731	-.583	-.569
MAXIMUM Y	1.124	1.117	.878
MINIMUM Y	-.759	-.766	-.626
CENTROID X	-.123	-.271	-.285
CENTROID Y	-.054	-.047	-.187
POA TO CENTROID in.	.134	.275	.341
MIN RADIUS	.113	.038	.092
MEAN RADIUS	.772	.677	.600
MAX RADIUS	1.336	1.123	1.079
HORIZONTAL SPREAD	2.066	1.914	1.314
VERTICAL SPREAD	1.983	1.983	1.504
EXTREME SPREAD	2.077	1.900	1.691
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

25 Apr 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349023

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.516

VS= 1.693

GS= 2.608

CENTROID *

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.584	1.354	1.248
MINIMUM X	-1.012	-.845	-.807
MAXIMUM Y	.890	.913	.712
MINIMUM Y	-.803	-.780	-.666
CENTROID X	-.410	-.577	-.471
CENTROID Y	.254	.231	.117
POR TO CENTROID in.	.482	.622	.486
MIN RADIUS	.222	.240	.089
MEAN RADIUS	.890	.787	.709
MAX RADIUS	1.518	1.480	1.437
HORIZONTAL SPREAD	2.516	2.199	2.056
VERTICAL SPREAD	1.693	1.693	1.378
EXTREME SPREAD	2.608	2.296	2.296
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	