

C6587671

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Arm's 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: **RE00036708** Serial: C6587671 Model 700 Center Fire Caliber: 7 62 NATO SWS M24 WOG 5 of 7 Repairman: Status: Closed 12/1/01 6:32:27 AM

Verify Repair **High Priority**

Address Information

Customer: Received From Return To: Received From

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

FFL:

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing
Date	Code	User ID	Desc1	Current Status
12/1/01 6:17:31	New	urtzdi	Repair Added	Closed
12/1/01 6:32:27	Closed	urtzdi		12/1/01 6:32:27 AM
				urtzdi
				Check In
				Repair Location
				ILN
				Current Location
				ILN

Repair Search Refresh Close

Start Inbox CNN SWS Israel SWS Arm Serial Cale 11:20 AM

Serial Number:

C6587671

Model: **700**



RE00036708

M-24 INSPECTION CHECKLIST

CONTRACT #: DAAE-20-97-C-242

R & E NUMBER		36208	
SERIAL NUMBER		C6587671	
LOG-IN DATE		12-1-01	
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	12-4-01	RH
560 A	RE-BARREL	12/5/01	BWT
B	DRILL AND TAP	12/5/01	BWT
575	ASSEMBLE	12-6-01	RH
600	PROOF	12-6-01	RH
605	CHECK HEADSPACE	12-6-01	RH
610	DIS-ASSEMBLE GUN	12-6-01	RH
612	MAGNAFLUX		
615	ROLLMARK CALIBER	12-6-01	AL RH
618	ROTO-BLAST	12/7	RO
620	APPLY COATINGS	12-10	TH
625 A	FINAL ASSEMBLY	12-17-01	RH
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	12-17-01	AL
655	FINAL INSPECT	12-18-01	RH
660	PACK	12/19/01	TH
		SHIP DATE	
QAR INSPECTION DATE			

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587671.___0
FILE DATE AND TIME: 12/17/2001 06:44

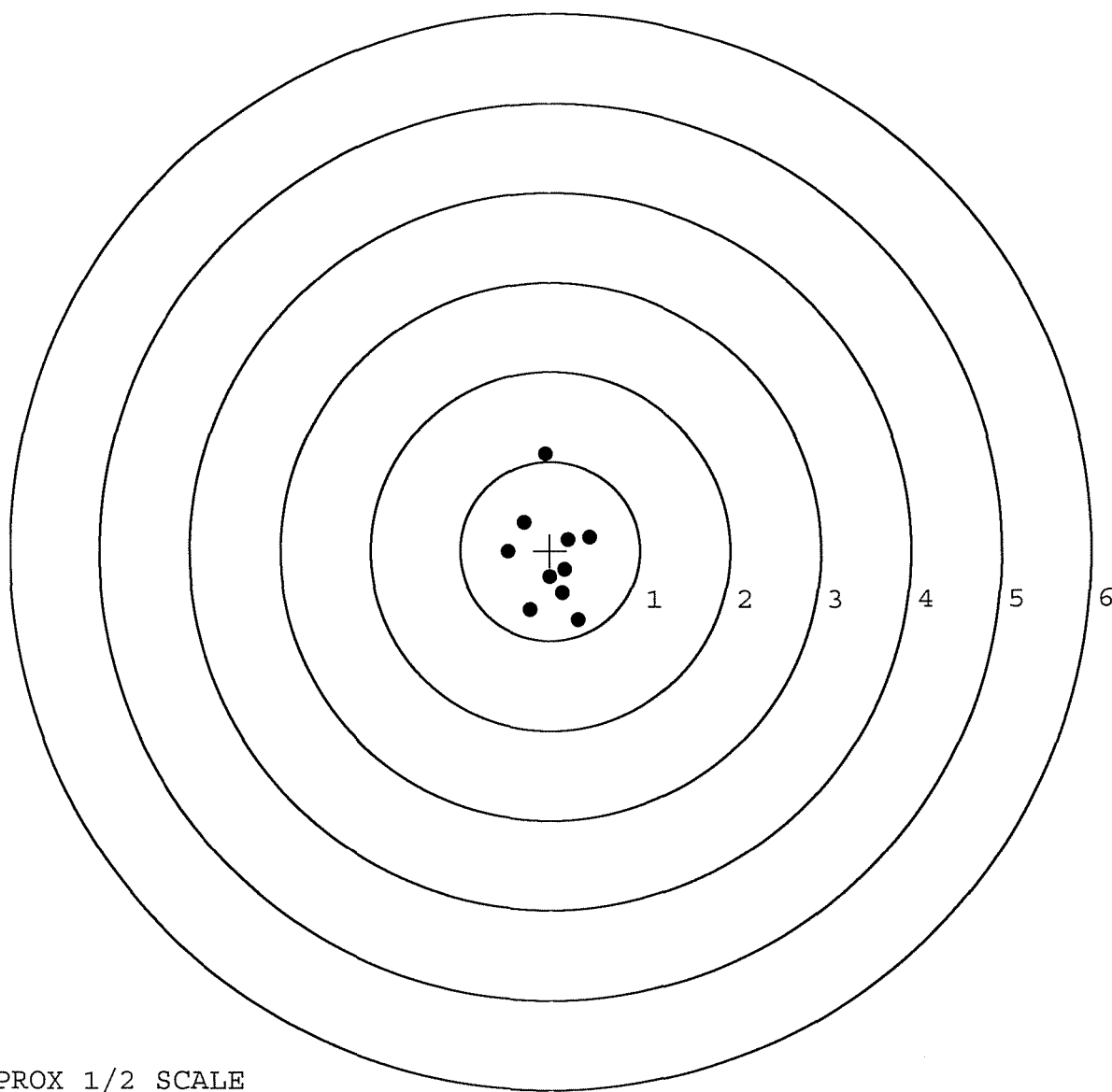
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.011
The Average Y Centroid of the Five Target Set:	-0.042
The Average Point of Impact of the Five Target Set:	0.044
The Average Mean Radius of the Five Target Set:	0.475
The Distance from POA to Centroid Target #1:	0.081
The Distance from Centroid Target #2 to Centroid Target #1:	0.174
The Distance from Centroid Target #3 to Centroid Target #1:	0.203
The Distance from Centroid Target #4 to Centroid Target #1:	0.128
The Distance from Centroid Target #5 to Centroid Target #1:	0.131

SERIAL NUMBER: C6587671. __0
TARGET NUMBER: 1
FILE DATE: 12/17/2001
FILE TIME: 06:44

X CENTROID: 0.022
Y CENTROID: -0.077
POA TO CENTROID: 0.081
HORZ SPREAD: 0.909
VERT SPREAD: 1.860
GROUP SPREAD: 1.895
MIN RADIUS: 0.198
MAX RADIUS: 1.163
MEAN RADIUS: 0.514
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.314	-0.777
2:	-0.221	-0.662
3:	0.141	-0.479
4:	-0.011	-0.297
5:	0.164	-0.216
6:	0.205	0.123
7:	0.441	0.152
8:	-0.468	-0.017
9:	-0.291	0.316
10:	-0.051	1.083

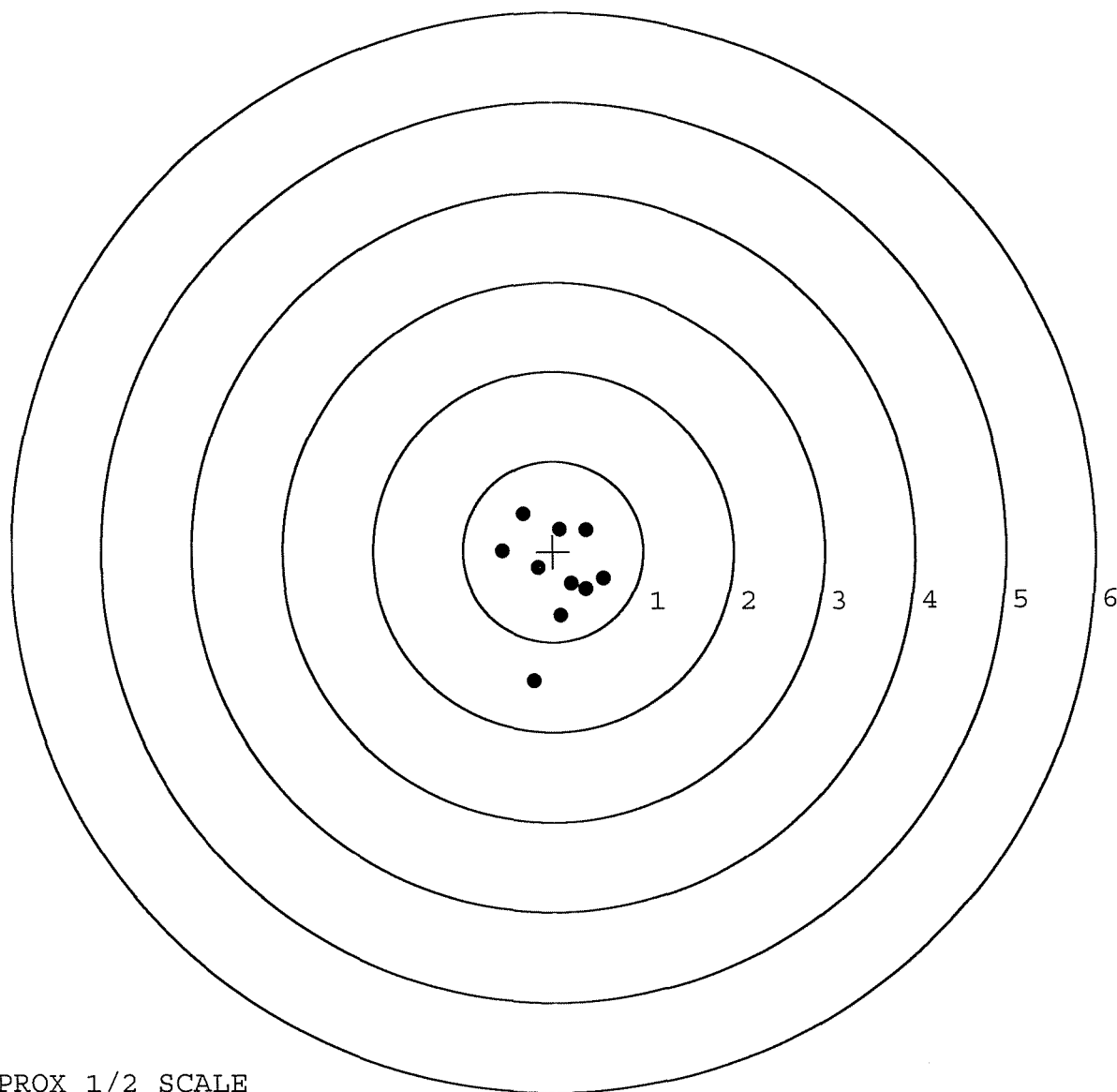


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587671. __0
TARGET NUMBER: 2
FILE DATE: 12/17/2001
FILE TIME: 06:44

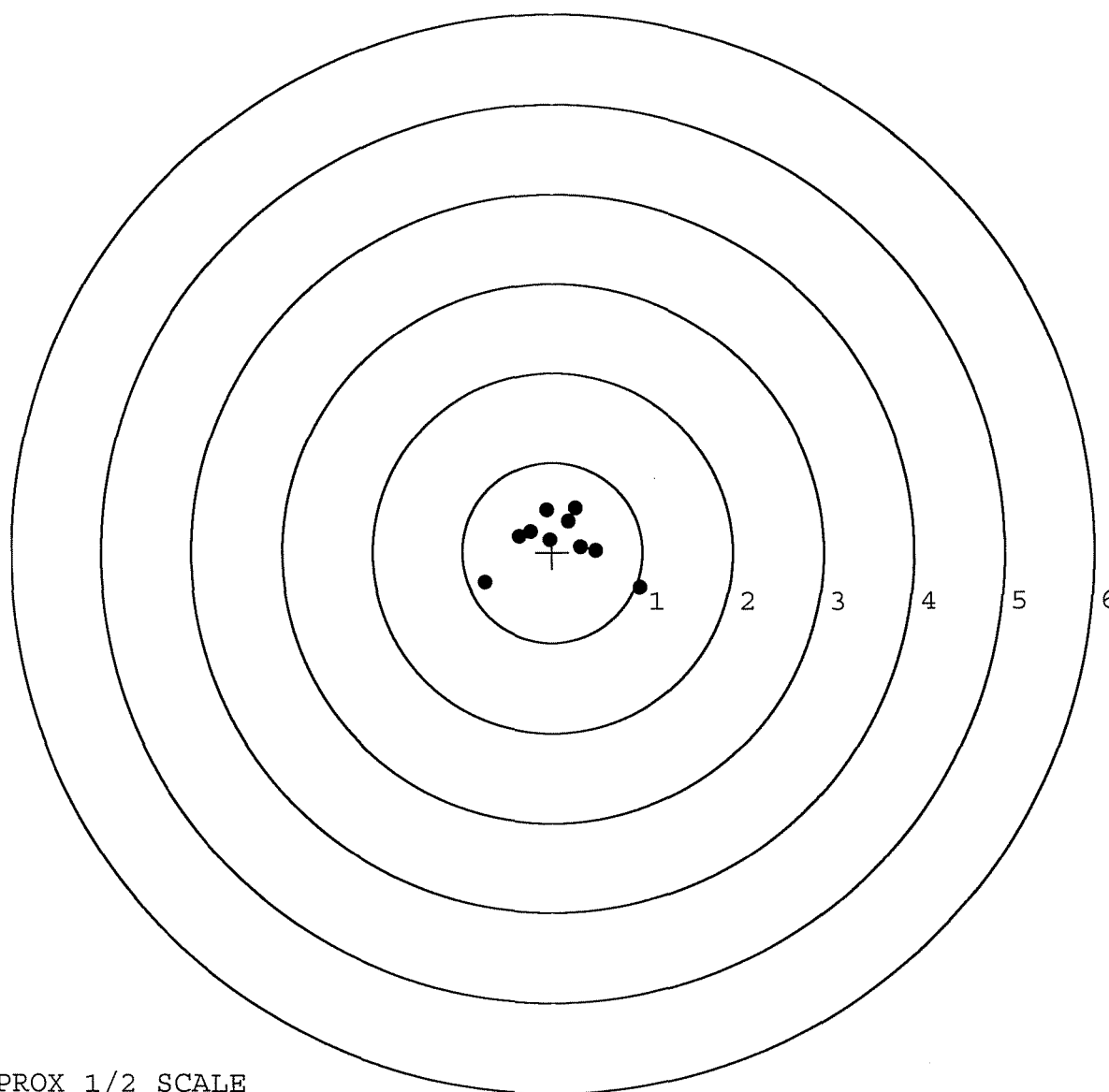
X CENTROID: 0.038
Y CENTROID: -0.250
POA TO CENTROID: 0.253
HORZ SPREAD: 1.119
VERT SPREAD: 1.856
GROUP SPREAD: 1.859
MIN RADIUS: 0.197
MAX RADIUS: 1.215
MEAN RADIUS: 0.548
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.219	-1.438
2:	0.089	-0.713
3:	0.205	-0.356
4:	0.361	-0.415
5:	0.556	-0.301
6:	-0.168	-0.181
7:	-0.563	-0.003
8:	-0.330	0.418
9:	0.079	0.246
10:	0.373	0.239



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587671. 0	POINT#	X	Y
TARGET NUMBER: 3	1:	-0.753	-0.346
FILE DATE: 12/17/2001	2:	0.971	-0.402
FILE TIME: 06:44	3:	0.484	0.015
	4:	0.317	0.057
X CENTROID: 0.077	5:	0.186	0.341
Y CENTROID: 0.118	6:	0.265	0.492
POA TO CENTROID: 0.141	7:	-0.062	0.468
HORZ SPREAD: 1.724	8:	-0.029	0.139
VERT SPREAD: 0.894	9:	-0.241	0.233
GROUP SPREAD: 1.725	10:	-0.369	0.180
MIN RADIUS: 0.108			
MAX RADIUS: 1.034			
MEAN RADIUS: 0.459			
# IN 1 IN DIAMETER: 8			
# IN 2 IN DIAMETER: 9			
# in 3 IN DIAMETER: 10			

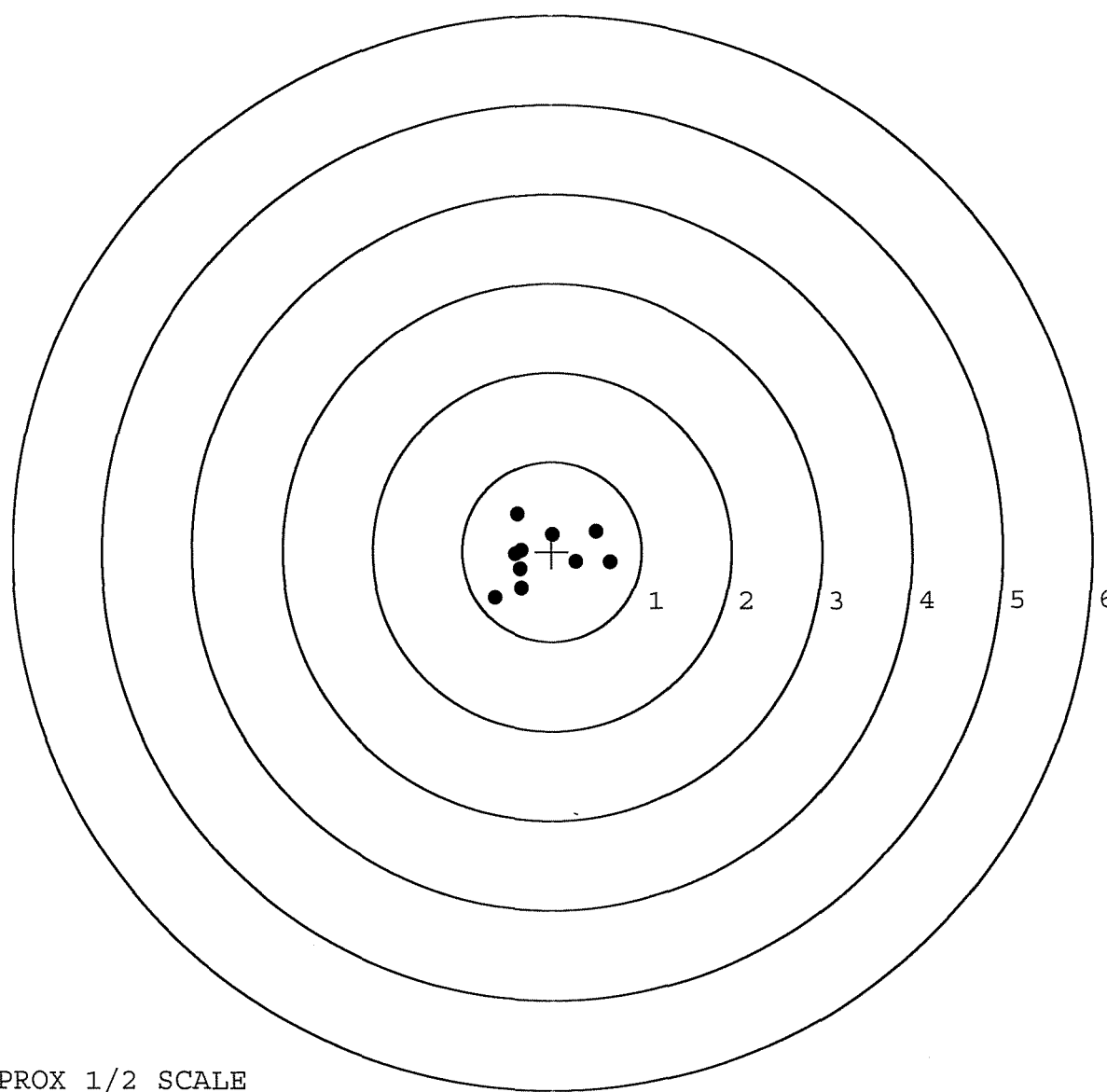


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587671. __0
TARGET NUMBER: 4
FILE DATE: 12/17/2001
FILE TIME: 06:44

X CENTROID: -0.104
Y CENTROID: -0.055
POA TO CENTROID: 0.118
HORZ SPREAD: 1.281
VERT SPREAD: 0.936
GROUP SPREAD: 1.340
MIN RADIUS: 0.249
MAX RADIUS: 0.758
MEAN RADIUS: 0.460
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.650	-0.126
2:	0.268	-0.118
3:	0.498	0.226
4:	0.012	0.192
5:	-0.384	0.416
6:	-0.343	0.015
7:	-0.410	-0.029
8:	-0.360	-0.197
9:	-0.343	-0.413
10:	-0.631	-0.520

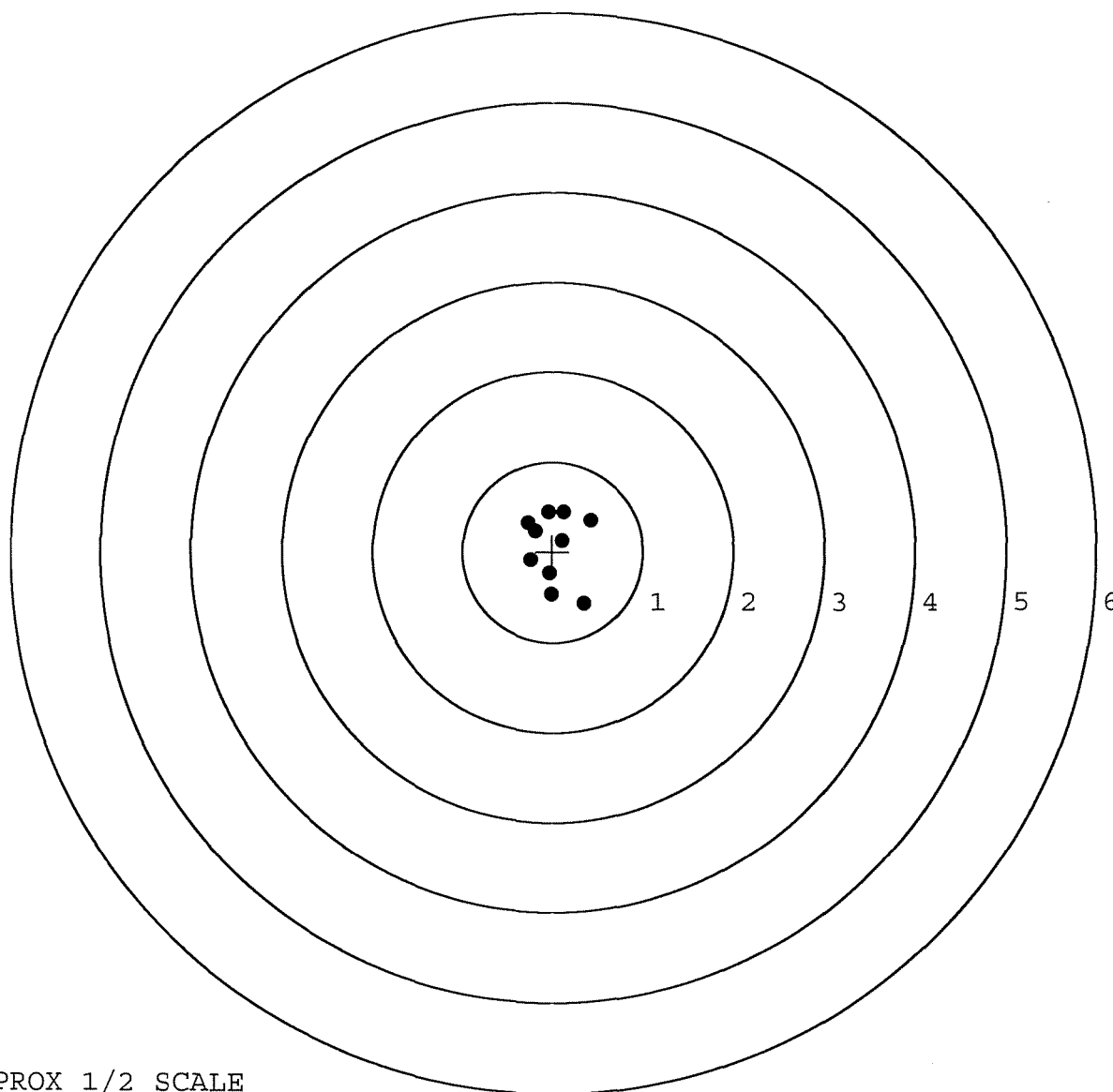


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587671. __0
TARGET NUMBER: 5
FILE DATE: 12/17/2001
FILE TIME: 06:44

X CENTROID: 0.020
Y CENTROID: 0.054
POA TO CENTROID: 0.057
HORZ SPREAD: 0.702
VERT SPREAD: 1.022
GROUP SPREAD: 1.097
MIN RADIUS: 0.117
MAX RADIUS: 0.711
MEAN RADIUS: 0.396
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.017	-0.478
2:	0.350	-0.576
3:	-0.034	-0.243
4:	-0.244	-0.094
5:	0.112	0.126
6:	-0.200	0.231
7:	-0.276	0.325
8:	-0.047	0.446
9:	0.125	0.446
10:	0.426	0.353



TARGET APPROX 1/2 SCALE

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



Remington®

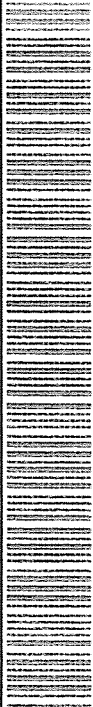
MODEL 700™ H24

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

20

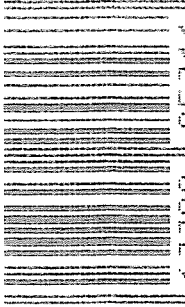
SERIAL NO.
C6587671

ORDER NO.
5716



5716 C6587671

UPC



0 4700 25716 7

MOD. _____		GA. CAL. _____	GUN # <u>265817671</u>
# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st	<i>Safe binds</i>	<i>KS</i>
	2nd	REP'D 1-10-91	K. S.
	3rd		
	4th		
		FUNCTION _____	RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF		
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6587671

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/24/90	KJ
600	Proof		10/24/90	KJ
607	Check Headspace		10/24/90	KJ
610	Dis-assemble Gun		10/24/90	KJ
612	Magnaflux Barrel Action		10/30/90	KR
	Magnaflux Bolt		" "	KR
615	Rollmark Caliber		" "	GB
617	Drill and Tap Sight Holes		11/6/90	FB
618	Polish Barrel <i>GB</i>		11/7/90	WB
620	Apply Coatings (Barrel Action)		11-26-90	GB
	Apply Coating (Bolt)		" "	" "
625	Final Assembly A) Clean inside of Bolt Assembly		12/28/90	K.S.
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/28/90	K.S.
	C) Inspect Ejector Hole for Chamfer		12/28/90	K.S.
	D) Oil Firing Pin Ass'y		12/28/90	K.S.
	E) Adjust Trigger Pull to Min Setting and Stake		1-4-91	GB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4.25	4.25	4.50			1/2/91	KT
	G) Safety Off Force	3.25	3.25	3.0			1/4/91	KT
	H) Trigger Pull Test & Retainability						1/4/91	JL
	I) Firing Pin Indent	.020	.020	.021			1/2/91	KT
	J) Assemble Stock						1/4-91	KS
	K) Assemble Swivel Studs						1-11-91	JL
	L) Attach Front and Rear Sight Assemblies						1-4-91	KS
	M) Iron Sight Alignment						1-4-91	KS
	N) Detach Front & Rear Sights & place in numbered container						1-4-91	KS
	O) Attach Scope to Rifle						1-4-91	KS
	P) Detach & Attach Scope 20 Times						1-4-91	KS
640	Gallery Target & Test						1-10-91	AC
	A) Time						1-10-91	AC
	B) Malfunctions						1-10-91	AC
	C) Pierced Primers						1-10-91	AC
	D) Optical Clarity of Scope						1-10-91	AC
645	Inspect for Live Ammo						1-10-91	AC
655	Final Inspection							
	A) Headspace						1-11-91	JL
	B) Trigger Pull	2.34	2.10	2.24	2.26	2.26	1-11-91	JL
	C) Function						1-11-91	JL
660	Pack						3/15/91	WB

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 06587671

DATE 1-4-91

TESTER JEL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.49	2.48	2.48	2.34	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.46	2.48	2.10	
PULL #3	2.40	2.45	2.48	2.24	
PULL #4	2.39	2.43	2.47	2.26	
PULL #5	2.40	2.46	2.46	2.26	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.48		
PULL #2	3.27	3.48		
PULL #3	3.41	3.50		
PULL #4	3.45	3.49		
PULL #5	3.40	3.46		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.31		4.47
PULL #2	4.47	4.39		4.40
PULL #3	4.38	4.26		4.37
PULL #4	4.33	4.44		4.40
PULL #5	4.36	4.44		4.33
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587671
11 Jan 1991

CENTROIDAL DISTANCES

Ø TO	1	.135163
1 TO	2	.143265
1 TO	3	.226153
1 TO	4	.185801
1 TO	5	.219659

5 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0128
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0058
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0140528
THE AMR FOR THIS RIFLE IS: .9528

10 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587871

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 1.838

VS= 2.244

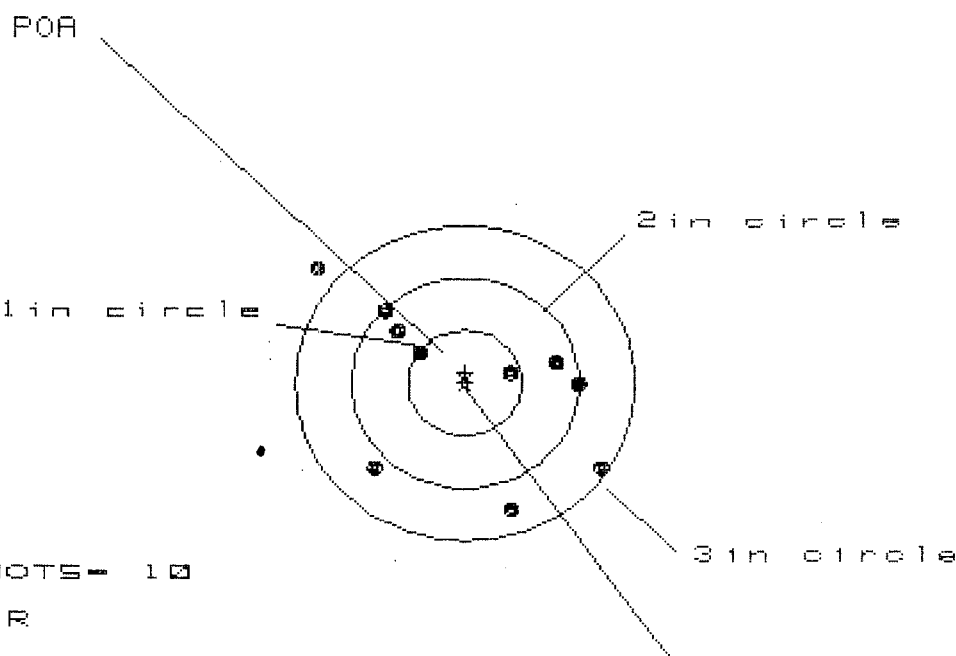
GS= 2.466

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.752	.834	.709
MINIMUM X	-1.086	-1.004	-.810
MAXIMUM Y	1.011	.874	.825
MINIMUM Y	-1.233	-1.136	-1.185
CENTROID X	.130	.048	.174
CENTROID Y	-.037	.100	.149
POA TO CENTROID in.	.136	.111	.229
MIN RADIUS	.216	.283	.181
MEAN RADIUS	.843	.775	.718
MAX RADIUS	1.439	1.143	1.185
HORIZONTAL SPREAD	1.838	1.838	1.519
VERTICAL SPREAD	2.244	2.010	2.010
EXTREME SPREAD	2.466	2.014	2.014
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

10 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587671

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.506

VS= 2.231

GS= 3.151

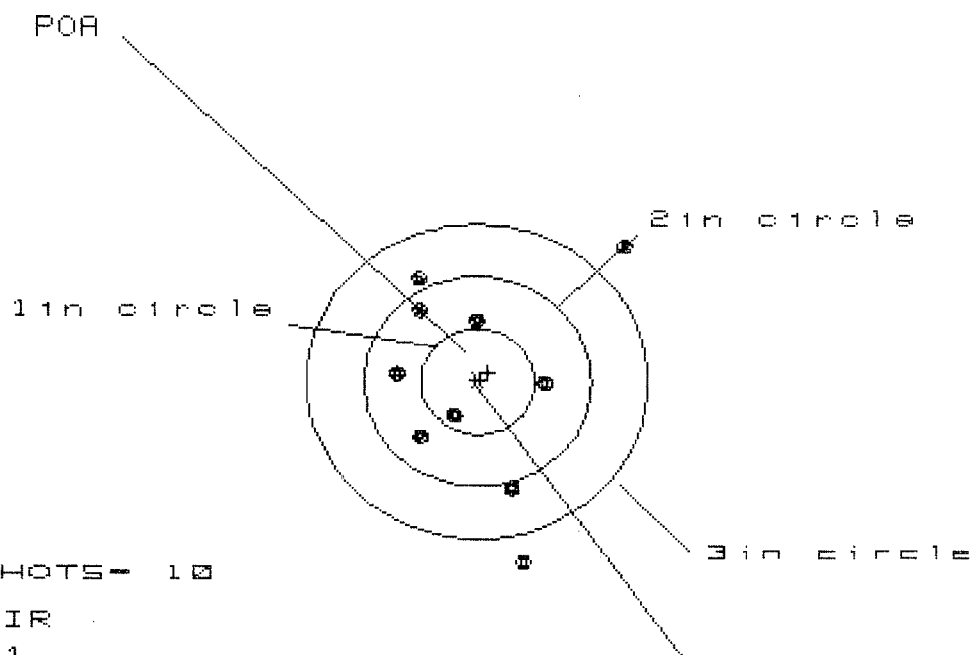
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.199	1.054	1.016
MINIMUM X	:	-1.307	-.974	-.842
MAXIMUM Y	:	1.062	.817	.726
MINIMUM Y	:	-1.169	-1.051	-1.142
CENTROID X	:	-.001	.144	.013
CENTROID Y	:	-.095	-.213	-.122
POA TO CENTROID in.	:	.095	.257	.123
MIN RADIUS	:	.397	.312	.390
MEAN RADIUS	:	1.015	.932	.877
MAX RADIUS	:	1.684	1.282	1.220
HORIZONTAL SPREAD	:	2.506	2.028	1.858
VERTICAL SPREAD	:	2.231	1.868	1.868
EXTREME SPREAD	:	3.151	2.456	2.195
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

10 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587671

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 8

HS= 1.981

VS= 2.922

GS= 3.045

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.256	.722	.789
MINIMUM X	:	-.725	-.585	-.518
MAXIMUM Y	:	1.239	1.074	.881
MINIMUM Y	:	-1.683	-1.545	-1.022
CENTROID X	:	-.091	-.231	-.298
CENTROID Y	:	-.085	-.223	-.030
POA TO CENTROID in.	:	.125	.321	.299
MIN RADIUS	:	.406	.219	.398
MEAN RADIUS	:	.942	.825	.707
MAX RADIUS	:	1.765	1.636	1.117
HORIZONTAL SPREAD	:	1.981	1.307	1.307
VERTICAL SPREAD	:	2.922	2.619	1.903
EXTREME SPREAD	:	3.045	2.779	2.056
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

18 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587671

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

HS = 2.689

VS = 2.726

GS = 3.171

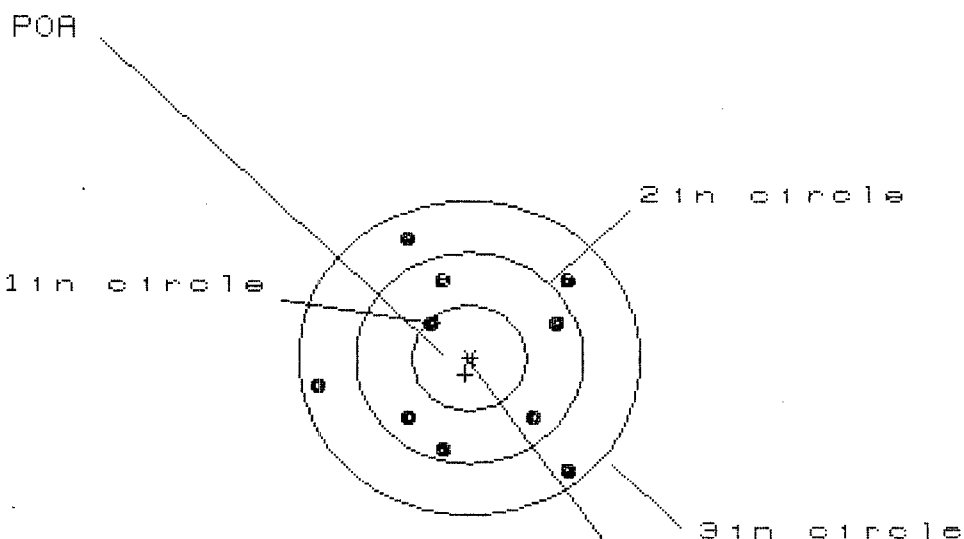
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.098	1.191	1.004
MINIMUM X	:	-1.591	-1.498	-.877
MAXIMUM Y	:	.980	.786	.782
MINIMUM Y	:	-1.746	-.800	-.804
CENTROID X	:	-.011	-.104	.083
CENTROID Y	:	.084	.278	.282
POA TO CENTROID in.	:	.084	.297	.294
MIN RADIUS	:	.235	.159	.042
MEAN RADIUS	:	.997	.867	.750
MAX RADIUS	:	1.936	1.498	1.175
HORIZONTAL SPREAD	:	2.689	2.689	1.881
VERTICAL SPREAD	:	2.726	1.586	1.586
EXTREME SPREAD	:	3.171	2.692	2.110
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

10 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587671

CENTERFIRE PATTERNS

5



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 10

HS= 2.189

VS= 2.239

GS= 2.641

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.891	.985	.835
MINIMUM X	-1.298	-1.204	-.613
MAXIMUM Y	1.128	1.004	.962
MINIMUM Y	-1.111	-1.023	-1.065
CENTROID X	.037	-.057	.093
CENTROID Y	.162	.286	.328
POA TO CENTROID in.	.166	.291	.341
MIN RADIUS	.462	.307	.400
MEAN RADIUS	.967	.901	.852
MAX RADIUS	1.395	1.250	1.141
HORIZONTAL SPREAD	2.189	2.189	1.448
VERTICAL SPREAD	2.239	2.027	2.027
EXTREME SPREAD	2.641	2.405	2.048
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		