

BARBER - M24 0002170

C6522256

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

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: **RE00049041** Serial: D6522256 Model: 700 Center Fire Caliber: 7.62 NATO M-24 [SWS] Repairman: Status: Closed 7/9/02 10:51:16 AM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: CO B 1/20 CO B 1/20

Address 1: SFGA SFGA

Address 2: PO Box: PO Box:

City: FORT BRAGG FORT BRAGG

State: NC Zip Code: 28310 Country: US State: NC Zip Code: 28310 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	3
A010	Hard Case	1
A026	Scope	1
A045	Bi Pod	1
X	SGT BASES	2
XX	SCOPE CASE	1

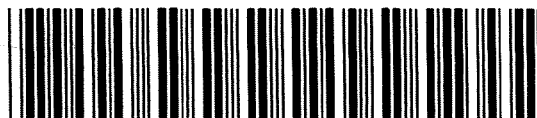
Repair Search Refresh Close

naplet 7/9/02 11:25 AM CAPS NUM INS SCRL

Start In... C... S... V... E... A... F... R... D... h... 11:25 AM

C6522256

Model: 700



RE00049041

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

R & E NUMBER 49041			
SERIAL NUMBER C6522256			
LOG-IN DATE 7/9/02			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	7/9/02	RL
560 A	RE-BARREL AT CUSTOM SHOP	7/9/02	RL
B	DRILL AND TAP	7/10/02	RL
C	POLISH		
575	ASSEMBLE	7/19/02	RL
600	PROOF	7-10-02	AC
605	CHECK HEADSPACE	7-10-02	AC OK
610	DIS-ASSEMBLE GUN MAGNA-FLUX	7/10/02	RL
612	MAGNAFLUX INSPECTED	7/23/02	
615	ROLLMARK CALIBER .23	7/23/02	TD
618	ROTO-BLAST OPERATOR	7/25/02	NO
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	AC
655	FINAL INSPECT	8-1-02	RL
660	PACK	8-1-02	DA
		SHIP DATE	
		QAR INSPECTION DATE	

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522256.___0
FILE DATE AND TIME: 07/31/2002 09:48

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.104
The Average Y Centroid of the Five Target Set:	-0.031
The Average Point of Impact of the Five Target Set:	0.109
The Average Mean Radius of the Five Target Set:	0.663
The Distance from POA to Centroid Target #1:	0.450
The Distance from Centroid Target #2 to Centroid Target #1:	0.459
The Distance from Centroid Target #3 to Centroid Target #1:	0.606
The Distance from Centroid Target #4 to Centroid Target #1:	0.422
The Distance from Centroid Target #5 to Centroid Target #1:	0.401

BARBER - M24 0002174

SERIAL NUMBER: C6522256. __ 0

TARGET NUMBER: 1

FILE DATE: 07/31/2002

FILE TIME: 09:48

X CENTROID: -0.413

Y CENTROID: 0.179

POA TO CENTROID: 0.450

HORZ SPREAD: 2.138

VERT SPREAD: 1.654

GROUP SPREAD: 2.366

MIN RADIUS: 0.289

MAX RADIUS: 1.515

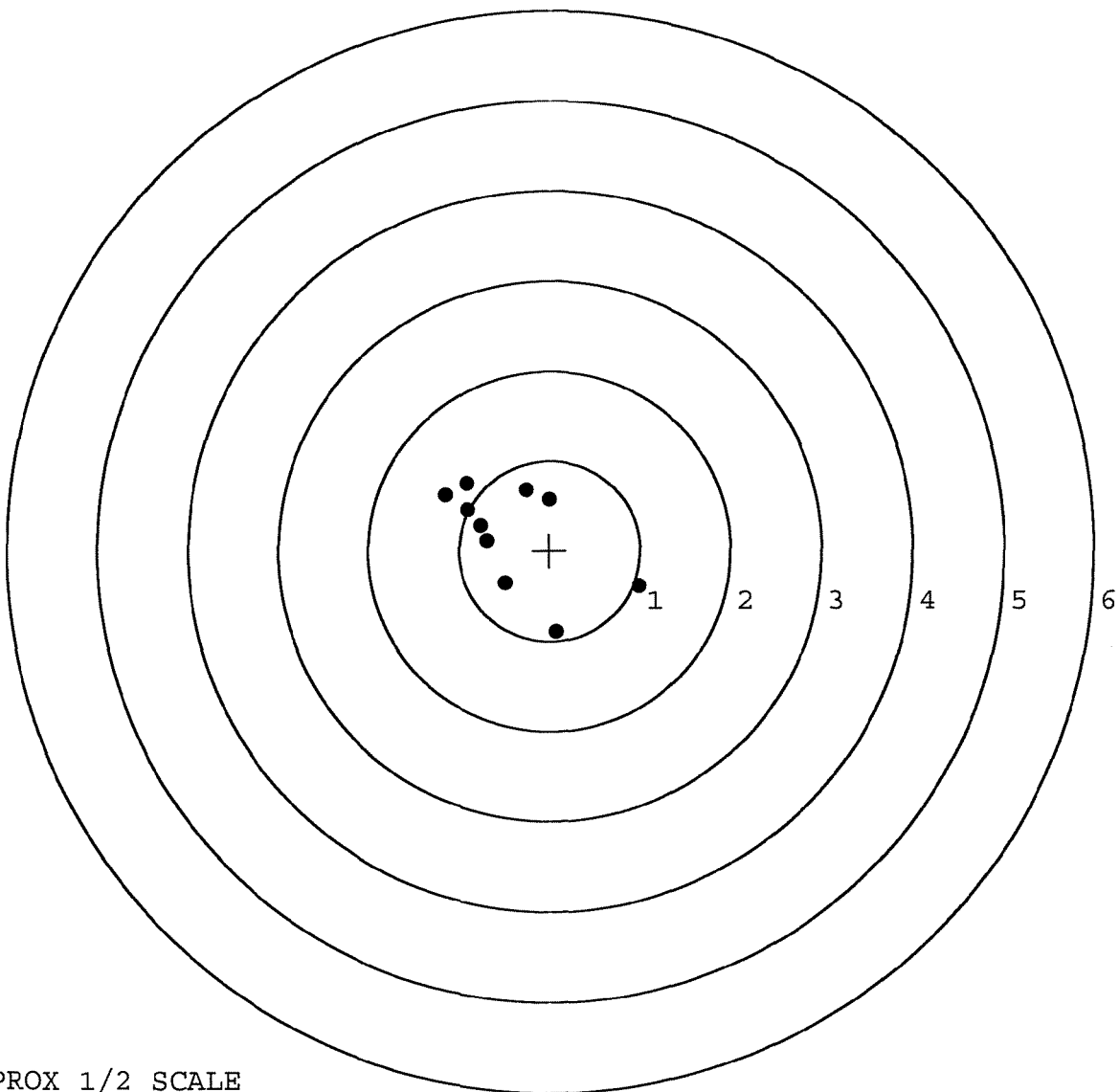
MEAN RADIUS: 0.716

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.989	-0.395
2:	0.069	-0.906
3:	-0.490	-0.363
4:	-0.008	0.572
5:	-0.265	0.674
6:	-0.916	0.748
7:	-1.149	0.618
8:	-0.909	0.454
9:	-0.761	0.275
10:	-0.694	0.110



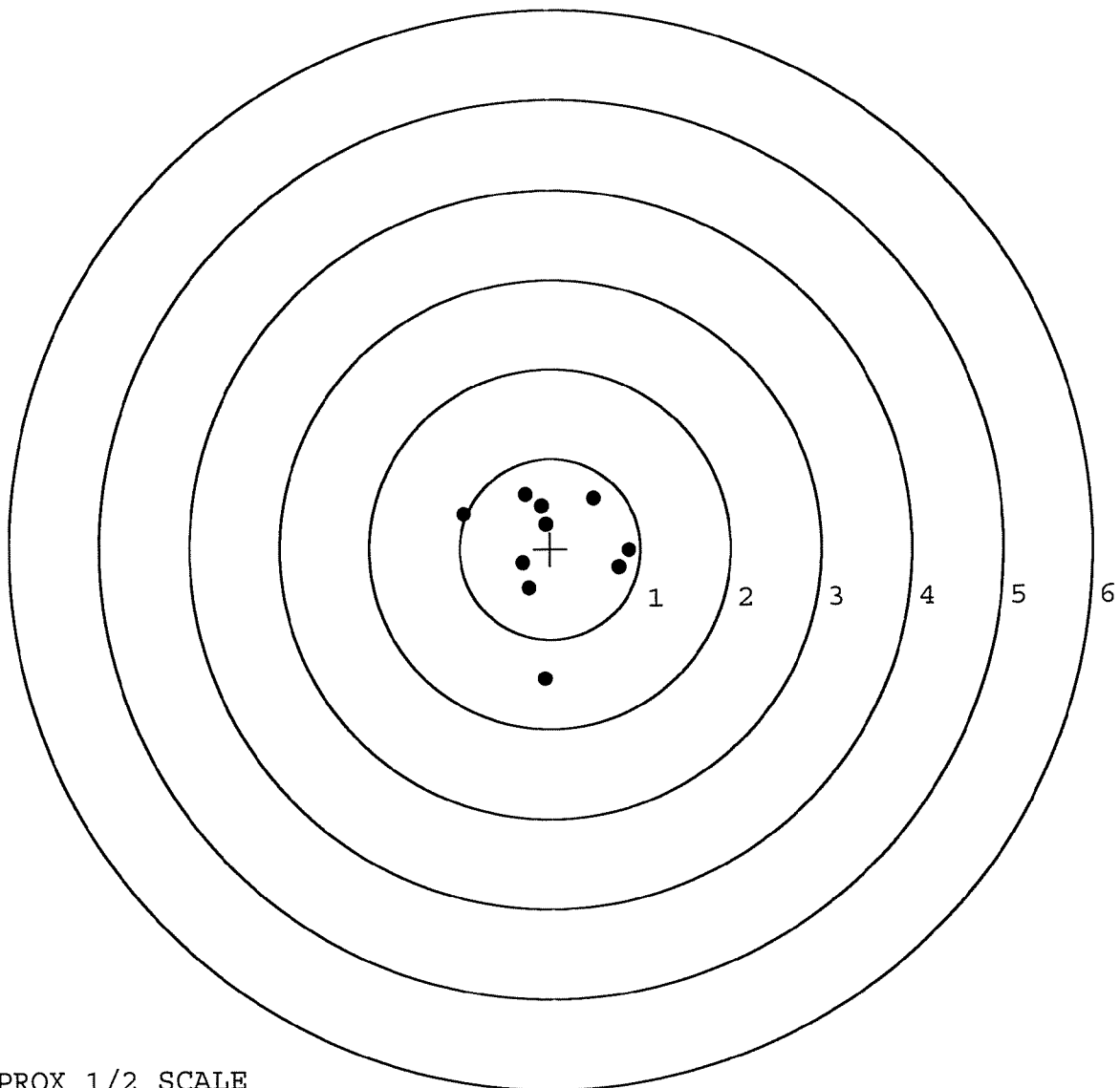
TARGET APPROX 1/2 SCALE

BARBER - M24 0002175

SERIAL NUMBER: C6522256. __0
 TARGET NUMBER: 2
 FILE DATE: 07/31/2002
 FILE TIME: 09:48

POINT#	X	Y
1:	-0.071	-1.448
2:	-0.241	-0.440
3:	-0.309	-0.160
4:	-0.959	0.391
5:	-0.278	0.606
6:	-0.100	0.479
7:	-0.050	0.268
8:	0.754	-0.208
9:	0.867	-0.025
10:	0.485	0.557

X CENTROID: 0.010
 Y CENTROID: 0.002
 POA TO CENTROID: 0.010
 HORZ SPREAD: 1.826
 VERT SPREAD: 2.054
 GROUP SPREAD: 2.081
 MIN RADIUS: 0.273
 MAX RADIUS: 1.452
 MEAN RADIUS: 0.715
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



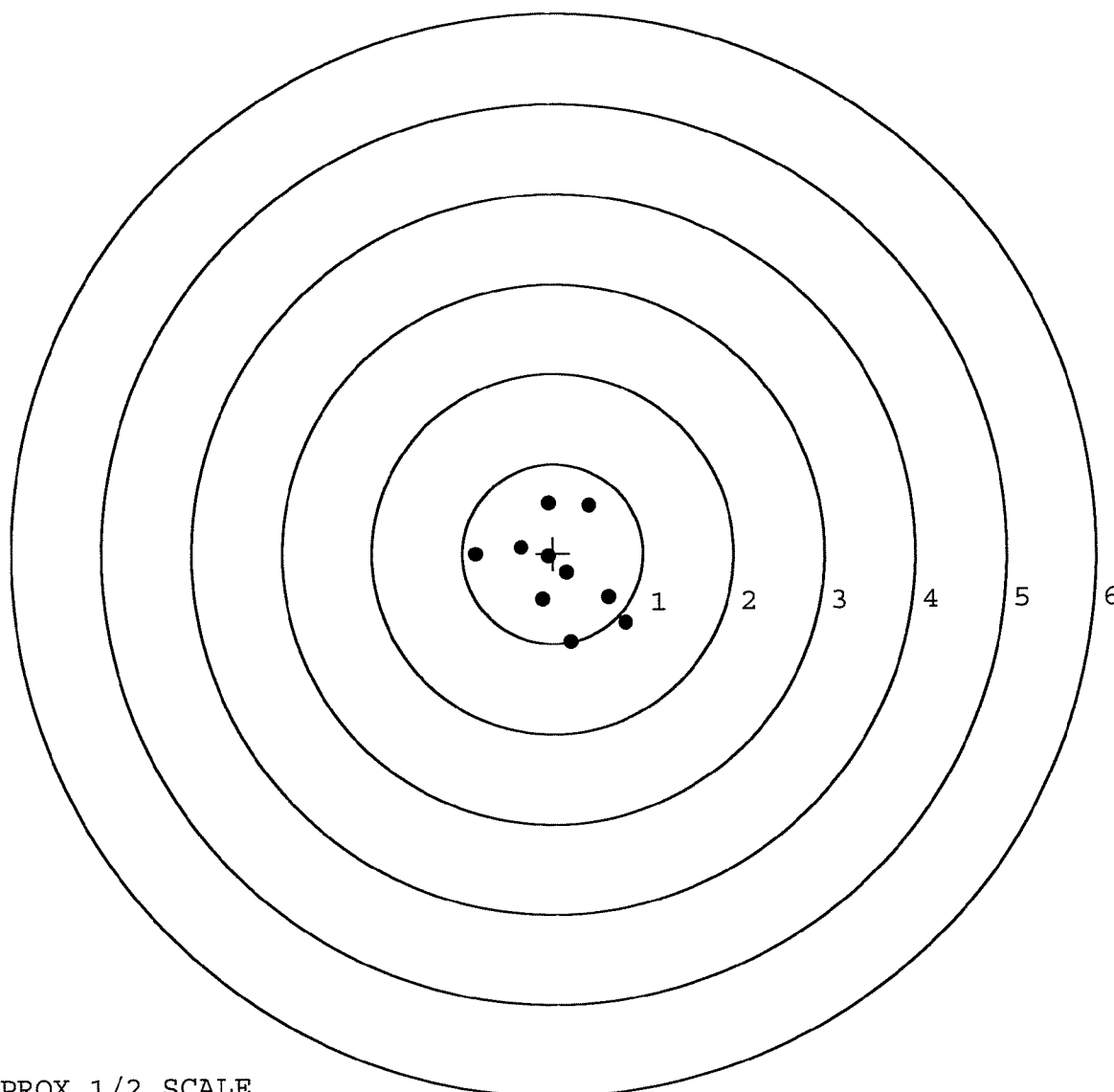
TARGET APPROX 1/2 SCALE

BARBER - M24 0002176

SERIAL NUMBER: C6522256. __0
 TARGET NUMBER: 3
 FILE DATE: 07/31/2002
 FILE TIME: 09:48

X CENTROID: 0.070
 Y CENTROID: -0.187
 POA TO CENTROID: 0.199
 HORZ SPREAD: 1.657
 VERT SPREAD: 1.554
 GROUP SPREAD: 1.833
 MIN RADIUS: 0.086
 MAX RADIUS: 0.948
 MEAN RADIUS: 0.604
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.058	-0.036
2:	0.798	-0.784
3:	0.609	-0.494
4:	0.188	-0.989
5:	-0.124	-0.518
6:	0.151	-0.215
7:	0.400	0.536
8:	-0.048	0.565
9:	-0.859	-0.001
10:	-0.354	0.070



TARGET APPROX 1/2 SCALE

BARBER - M24 0002177

SERIAL NUMBER: C6522256. 0

TARGET NUMBER: 4

FILE DATE: 07/31/2002

FILE TIME: 09:48

X CENTROID: -0.117

Y CENTROID: -0.121

POA TO CENTROID: 0.168

HORZ SPREAD: 1.327

VERT SPREAD: 1.748

GROUP SPREAD: 1.780

MIN RADIUS: 0.284

MAX RADIUS: 1.174

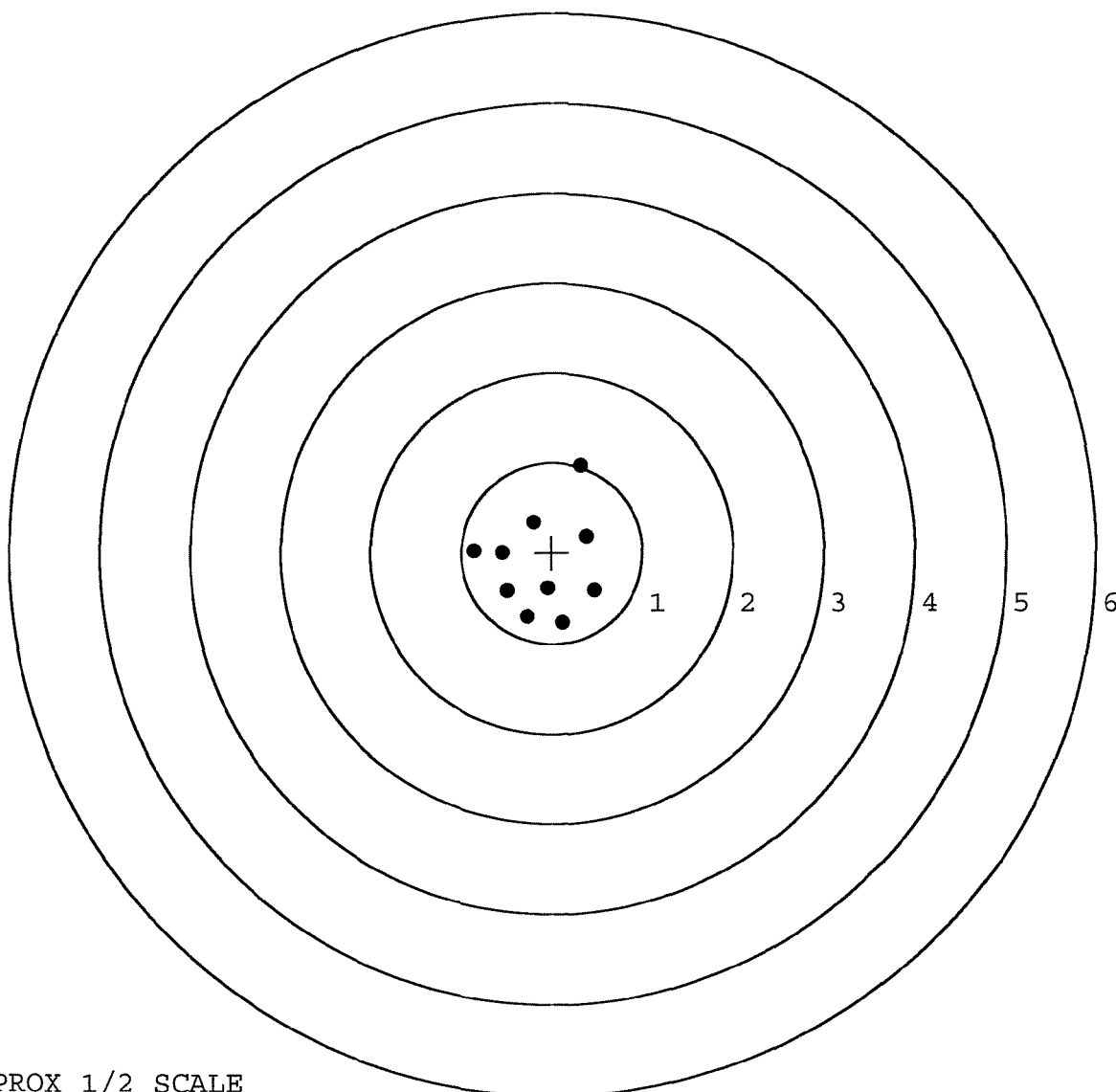
MEAN RADIUS: 0.615

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.473	-0.415
2:	0.374	0.181
3:	0.315	0.971
4:	-0.211	0.334
5:	-0.854	0.024
6:	-0.551	0.000
7:	-0.497	-0.423
8:	-0.277	-0.708
9:	-0.053	-0.398
10:	0.114	-0.777



TARGET APPROX 1/2 SCALE

BARBER - M24 0002178

SERIAL NUMBER: C6522256. __0

TARGET NUMBER: 5

FILE DATE: 07/31/2002

FILE TIME: 09:48

X CENTROID: -0.071

Y CENTROID: -0.030

POA TO CENTROID: 0.077

HORZ SPREAD: 1.427

VERT SPREAD: 1.763

GROUP SPREAD: 2.053

MIN RADIUS: 0.266

MAX RADIUS: 1.223

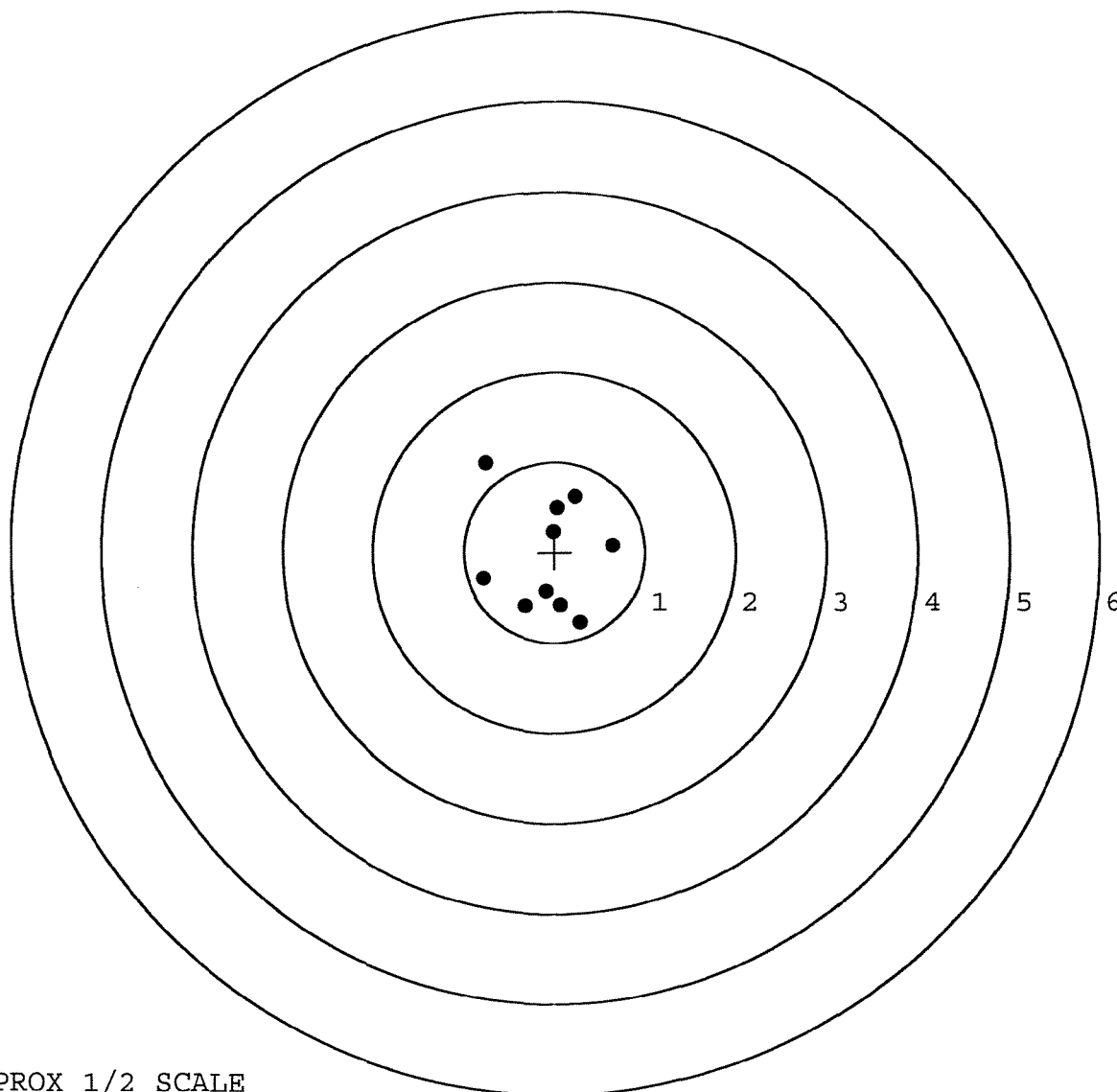
MEAN RADIUS: 0.666

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.646	0.075
2:	0.228	0.616
3:	0.031	0.500
4:	-0.015	0.231
5:	-0.759	0.982
6:	-0.781	-0.295
7:	-0.325	-0.597
8:	-0.095	-0.435
9:	0.070	-0.591
10:	0.292	-0.781



TARGET APPROX 1/2 SCALE

Final Inspection

In: C652-2256

DATE REC'D: 7/9/02

DATE RET'D: 8/1/02

EDITOR: 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:

Remington®
REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ H24

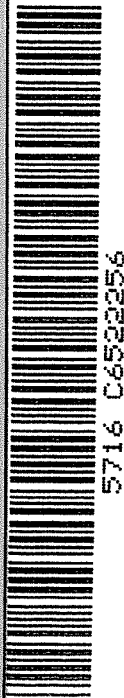
MADE IN LION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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

SERIAL NO.
C6522256

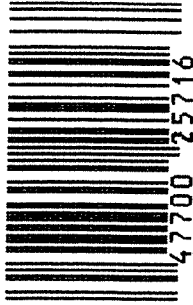
ORDER NO.
5716

Ø1



5716 C6522256

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522256

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/24/90	Kf
600	Proof		6/26/90	Kf
607	Check Headspace		6/26/90	Kf
610	Dis-assemble Gun		6/26/90	Kf
612	Magnaflux Barrel Action		7/10/90	KR
	Magnaflux Bolt		7/10/90	KR
615	Rollmark Caliber		7/10/90	D.S.
617	Drill and Tap Sight Holes		7/11/90	EB
618	Polish Barrel RB		7/13/90	W.B.
620	Apply Coatings (Barrel Action)		7-23-90	DA
	Apply Coating (Bolt)			
625	Final Assembly		8/4/90	KS
	A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/6/90	KS
	C) Inspect Ejector Hole for Chamfer		8/6/90	KS
	D) Oil Firing Pin Ass'y		8/6/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		9-5-90	JK

BARBER - M24 0002182

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			8/6/90	84
	G) Safety Off Force	3	3	3			8/6/90	81
	H) Trigger Pull Test & Retainability						9-5-90	81
	I) Firing Pin Indent	.0225	.0225	.0225			8/6/90	84
	J) Assemble Stock						8/7/90	KS
	K) Assemble Swivel Studs						9/6/90	928
	L) Attach Front and Rear Sight Assemblies						8/7/90	KS
	M) Iron Sight Alignment						8/7/90	KS
	N) Detach Front & Rear Sights & place in numbered container						8/7/90	KS
	O) Attach Scope to Rifle						8/7/90	KS
	P) Detach & Attach Scope 20 Times						8/7/90	KS
640	Gallery Target & Test						8-9-90	NF
	A) Time						8-9-90	NF
	B) Malfunctions						8-9-90	NF
	C) Pierced Primers						8-9-90	NF
	D) Optical Clarity of Scope						8-9-90	NF
645	Inspect for Live Ammo						8-9-90	NF
655	Final Inspection							
	A) Headspace						9/6/90	928
	B) Trigger Pull	2.35	2.28	2.34	2.31	2.31	9-5-90	84
	C) Function						9/6/90	928
660	Pack						9/20/90	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6522256DATE 9-5-90TESTER JPL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.25	2.36	2.35	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.46	2.20	2.21	2.28	
PULL #3	2.50	2.12	2.22	2.34	
PULL #4	2.18	2.19	2.17	2.31	
PULL #5	2.33	2.18	2.31	2.31	
TOTAL	11.94	10.94	11.27	11.59	
AVG.	2.388	2.188	2.254	2.318	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.21	3.27		
PULL #2	3.32	3.27		
PULL #3	3.28	3.29		
PULL #4	3.30	3.29		
PULL #5	3.28	3.31		
TOTAL	16.39	16.43		
AVG.	3.278	3.286		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.17		4.19
PULL #2	4.25	4.21		4.20
PULL #3	4.19	4.20		4.22
PULL #4	4.16	4.22		4.24
PULL #5	4.19	4.22		4.19
TOTAL	21.01	21.02		21.04
AVG.	4.202	4.204		4.208

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522256
9 Aug 1990

CENTROIDAL DISTANCES

0 TO	1	1.42244
1 TO	2	1.20712
1 TO	3	1.06999
1 TO	4	.950877
1 TO	5	.626623

+ <----POA
24
3 5 1

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.376
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -1.0172
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.08447
THE AMR FOR THIS RIFLE IS: .7886

9 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522256

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 5

2 in = 9

3 in = 10

HS= 1.500

VS= 2.086

GS= 2.086

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.822	.834	.842
MINIMUM X	-.786	-.774	-.765
MAXIMUM Y	1.145	.835	.734
MINIMUM Y	-.941	-.814	-.390
CENTROID X	.209	.197	.189
CENTROID Y	-1.407	-1.534	-1.433
POA TO CENTROID in.	1.423	1.547	1.445
MIN RADIUS	.283	.217	.304
MEAN RADIUS	.638	.566	.533
MAX RADIUS	1.150	.849	.867
HORIZONTAL SPREAD	1.608	1.608	1.608
VERTICAL SPREAD	2.086	1.649	1.124
EXTREME SPREAD	2.086	1.664	1.619
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	9		
NUMBER IN THREE INCH CIRCLE =	10		

8 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522256

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 8

HS= 3.216

VS= 1.585

GS= 3.218

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.546	1.360	.930
MINIMUM X	:	-1.670	-.926	-.756
MAXIMUM Y	:	.653	.620	.565
MINIMUM Y	:	-.932	-.965	-1.020
CENTROID X	:	-.613	-.427	-.597
CENTROID Y	:	-.523	-.490	-.435
POA TO CENTROID in.	:	.805	.650	.739
MIN RADIUS	:	.422	.509	.511
MEAN RADIUS	:	.973	.880	.805
MAX RADIUS	:	1.697	1.428	1.023
HORIZONTAL SPREAD	:	3.216	2.286	1.686
VERTICAL SPREAD	:	1.585	1.585	1.585
EXTREME SPREAD	:	3.218	2.486	1.772
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

9 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522258

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS = 1.970

VS = 2.729

GS = 2.783

CENTROID *

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.218
MINIMUM X	-.752
MAXIMUM Y	1.588
MINIMUM Y	-1.141
CENTROID X	-.860
CENTROID Y	-1.453
POA TO CENTROID in.	1.688
MIN RADIUS	.162
MEAN RADIUS	.874
MAX RADIUS	1.658
HORIZONTAL SPREAD	1.970
VERTICAL SPREAD	2.729
EXTREME SPREAD	2.783
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	9

9 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522256

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 2

2 in = 9

3 in = 9

HS = 2.392

VS = 1.274

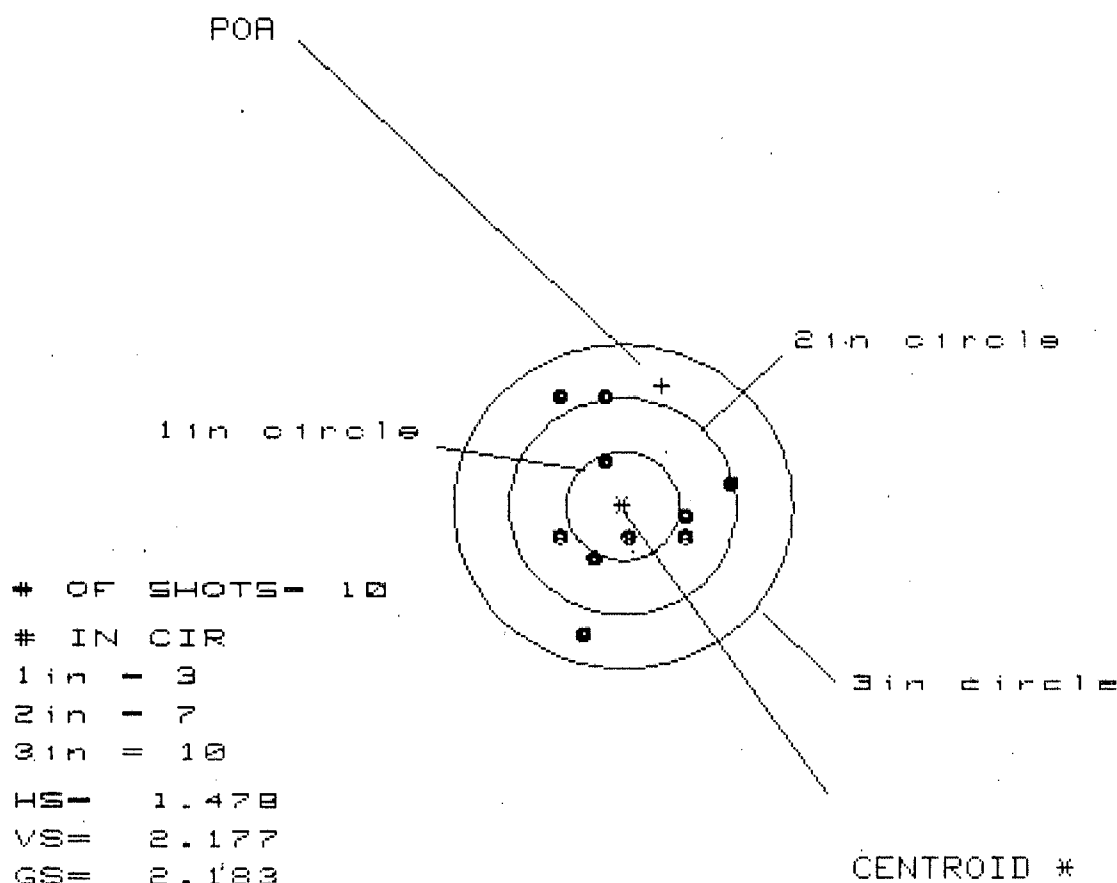
GS = 2.465

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.824	.649	.726
MINIMUM X	:	-1.568	-.654	-.578
MAXIMUM Y	:	.664	.679	.604
MINIMUM Y	:	-.610	-.595	-.565
CENTROID X	:	-.269	-.094	-.170
CENTROID Y	:	-.585	-.600	-.525
POA TO CENTROID in.	:	.644	.607	.552
MIN RADIUS	:	.185	.314	.300
MEAN RADIUS	:	.722	.623	.590
MAX RADIUS	:	1.574	.942	.836
HORIZONTAL SPREAD	:	2.392	1.303	1.303
VERTICAL SPREAD	:	1.274	1.274	1.169
EXTREME SPREAD	:	2.465	1.794	1.355
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		9	

9 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522256

CENTERFIRE PATTERNS # 5



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.913	.875	.807
MINIMUM X	:	-.565	-.603	-.671
MAXIMUM Y	:	1.003	.872	.965
MINIMUM Y	:	-1.174	-.564	-.455
CENTROID X	:	-.347	-.309	-.241
CENTROID Y	:	-1.118	-.987	-1.096
POA TO CENTROID in.	:	1.170	1.035	1.122
MIN RADIUS	:	.293	.366	.321
MEAN RADIUS	:	.736	.687	.622
MAX RADIUS	:	1.223	1.029	1.012
HORIZONTAL SPREAD	:	1.478	1.478	1.478
VERTICAL SPREAD	:	2.177	1.436	1.420
EXTREME SPREAD	:	2.183	1.706	1.561
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	