C652250

MODEL 700™ M24

Model SWS™

Action

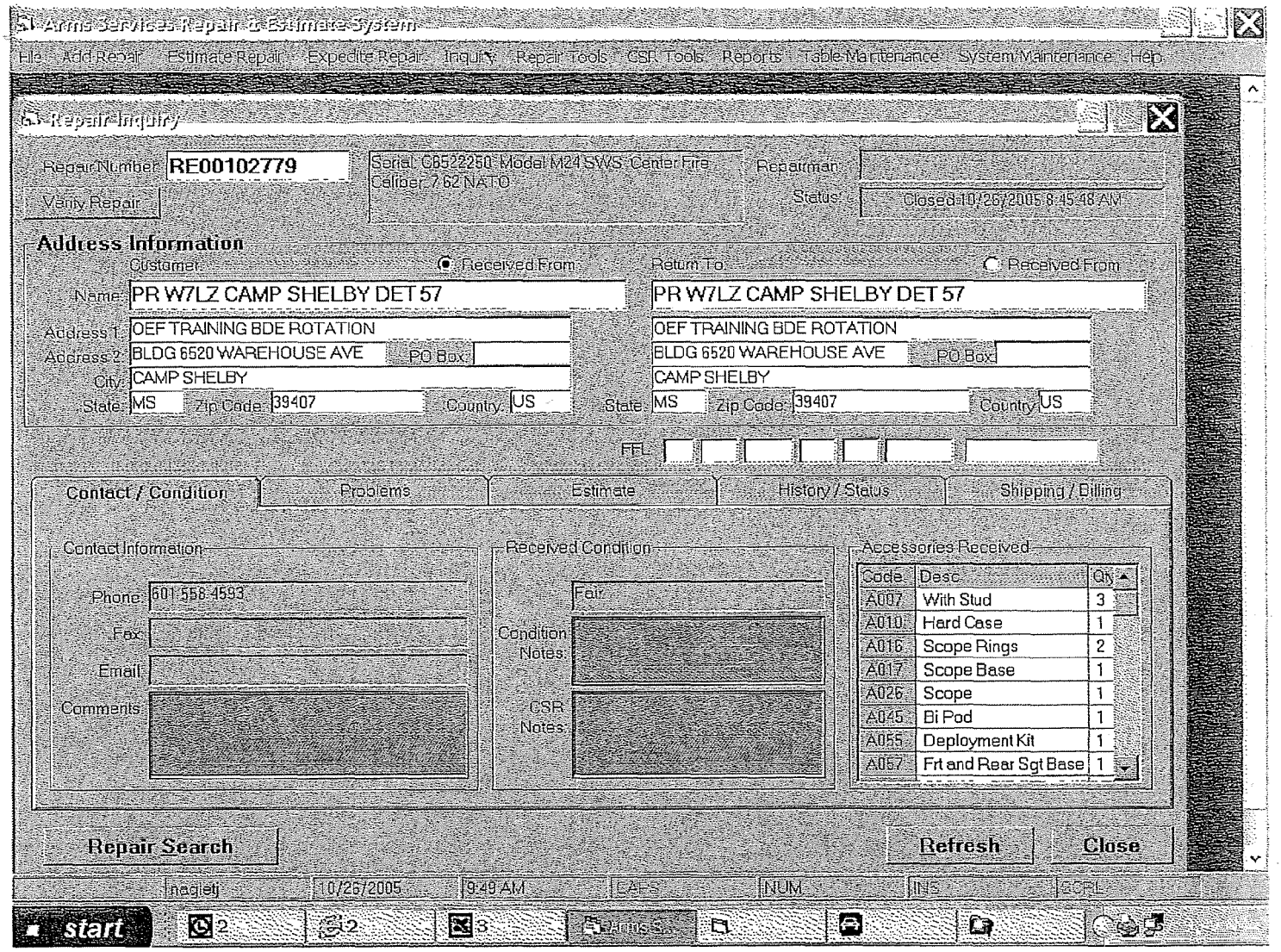
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington



Serial Number: C6522250

Model: M24 SWS

RE00102779

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522250.__0
FILE DATE AND TIME: 11/28/2005 14:36

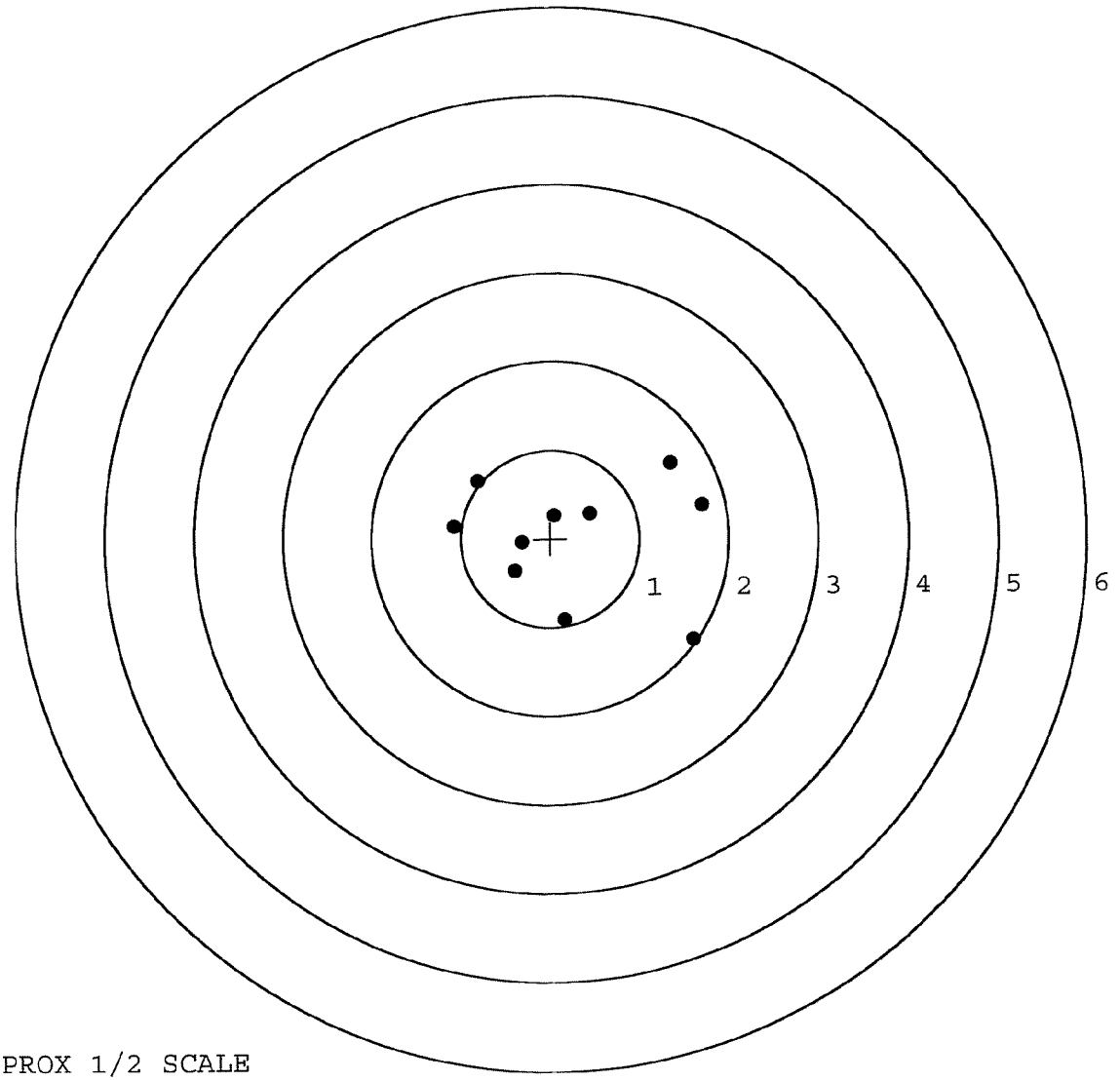
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.098
The Average Y Centroid of the Five Target Set:	-0.022
The Average Point of Impact of the Five Target Set:	0.101
The Average Mean Radius of the Five Target Set:	0.728
The Distance from POA to Centroid Target #1:	0.270
The Distance from Centroid Target #2 to Centroid Target #1:	0.223
The Distance from Centroid Target #3 to Centroid Target #1:	0.315
The Distance from Centroid Target #4 to Centroid Target #1:	0.201
The Distance from Centroid Target #5 to Centroid Target #1:	0.174

SERIAL NUMBER: C6522250.__0
TARGET NUMBER: 1
FILE DATE: 11/28/2005
FILE TIME: 14:36

X CENTROID:	0.270
Y CENTROID:	0.008
POA TO CENTROID:	0.270
HORZ SPREAD:	2.779
VERT SPREAD:	1.990
GROUP SPREAD:	3.009
MIN RADIUS:	0.325
MAX RADIUS:	1.762
MEAN RADIUS:	1.019
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.703	0.370
2:	1.353	0.843
3:	0.446	0.281
4:	0.046	0.266
5:	0.159	-0.925
6:	-0.404	-0.365
7:	-0.323	-0.043
8:	-1.076	0.142
9:	-0.808	0.657
10:	1.600	-1.147

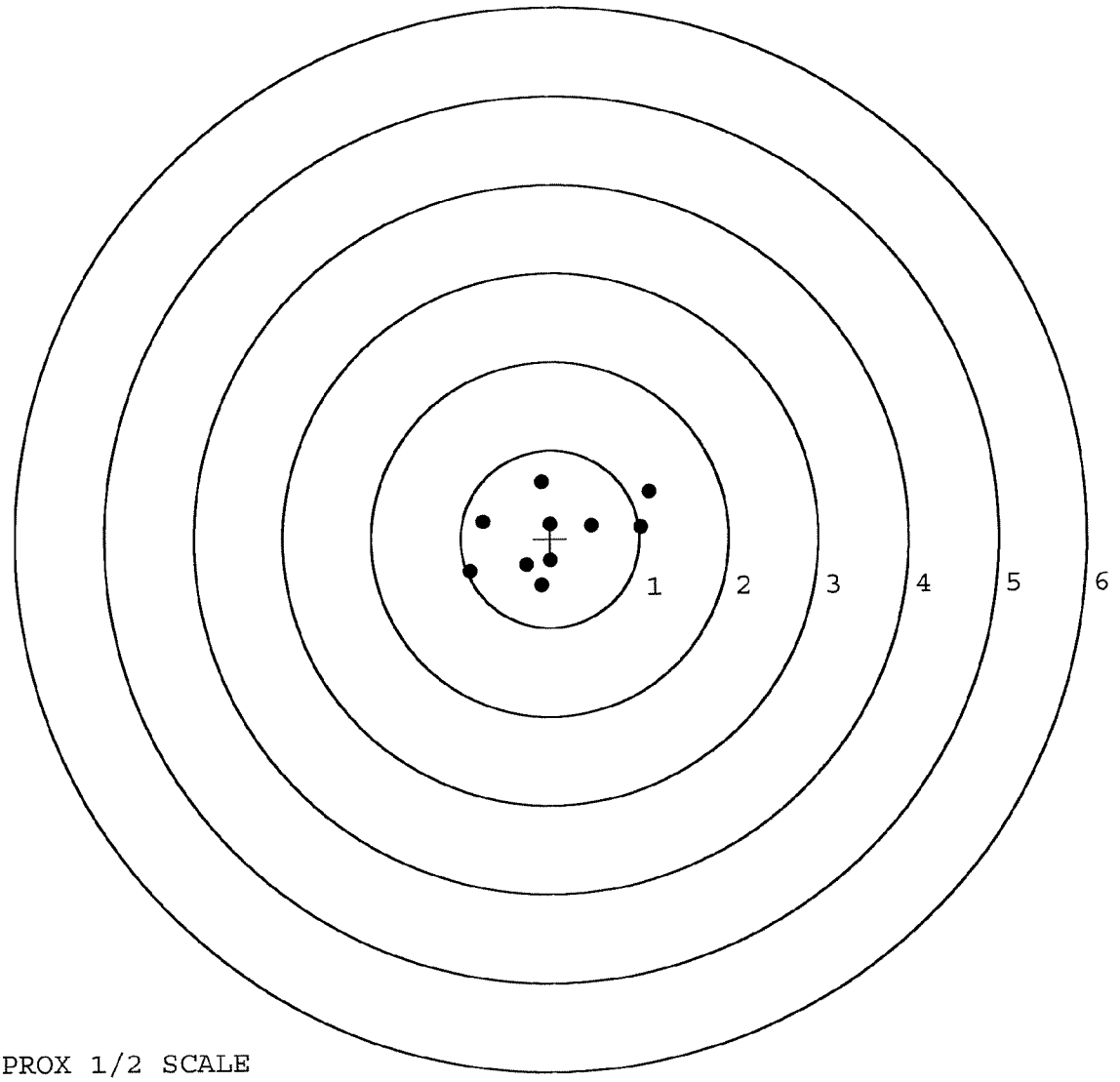


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522250.__0
TARGET NUMBER: 2
FILE DATE: 11/28/2005
FILE TIME: 14:36

X CENTROID:	0.048
Y CENTROID:	0.034
POA TO CENTROID:	0.059
HORZ SPREAD:	2.006
VERT SPREAD:	1.169
GROUP SPREAD:	2.197
MIN RADIUS:	0.139
MAX RADIUS:	1.168
MEAN RADIUS:	0.650
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.109	0.523
2:	1.014	0.125
3:	0.463	0.144
4:	0.003	0.166
5:	-0.099	0.640
6:	-0.750	0.196
7:	-0.897	-0.372
8:	-0.269	-0.299
9:	0.003	-0.251
10:	-0.100	-0.529

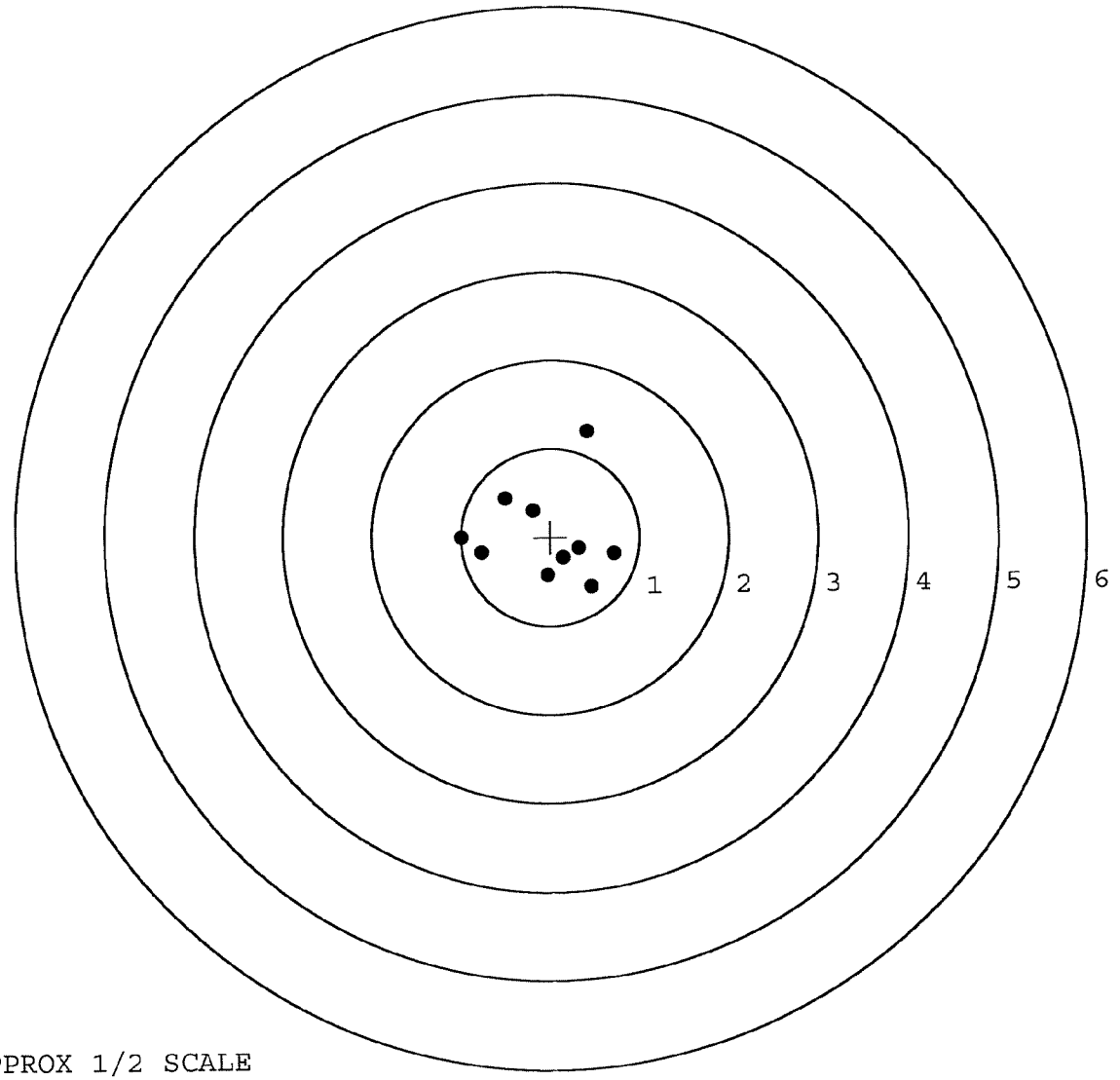


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522250.__0
TARGET NUMBER: 3
FILE DATE: 11/28/2005
FILE TIME: 14:36

X CENTROID:	-0.045
Y CENTROID:	0.022
POA TO CENTROID:	0.050
HORZ SPREAD:	1.708
VERT SPREAD:	1.753
GROUP SPREAD:	1.855
MIN RADIUS:	0.322
MAX RADIUS:	1.258
MEAN RADIUS:	0.663
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.420	1.191
2:	-0.196	0.306
3:	-0.502	0.444
4:	-0.767	-0.171
5:	-1.000	-0.002
6:	0.708	-0.192
7:	0.457	-0.562
8:	0.319	-0.127
9:	0.146	-0.239
10:	-0.036	-0.432

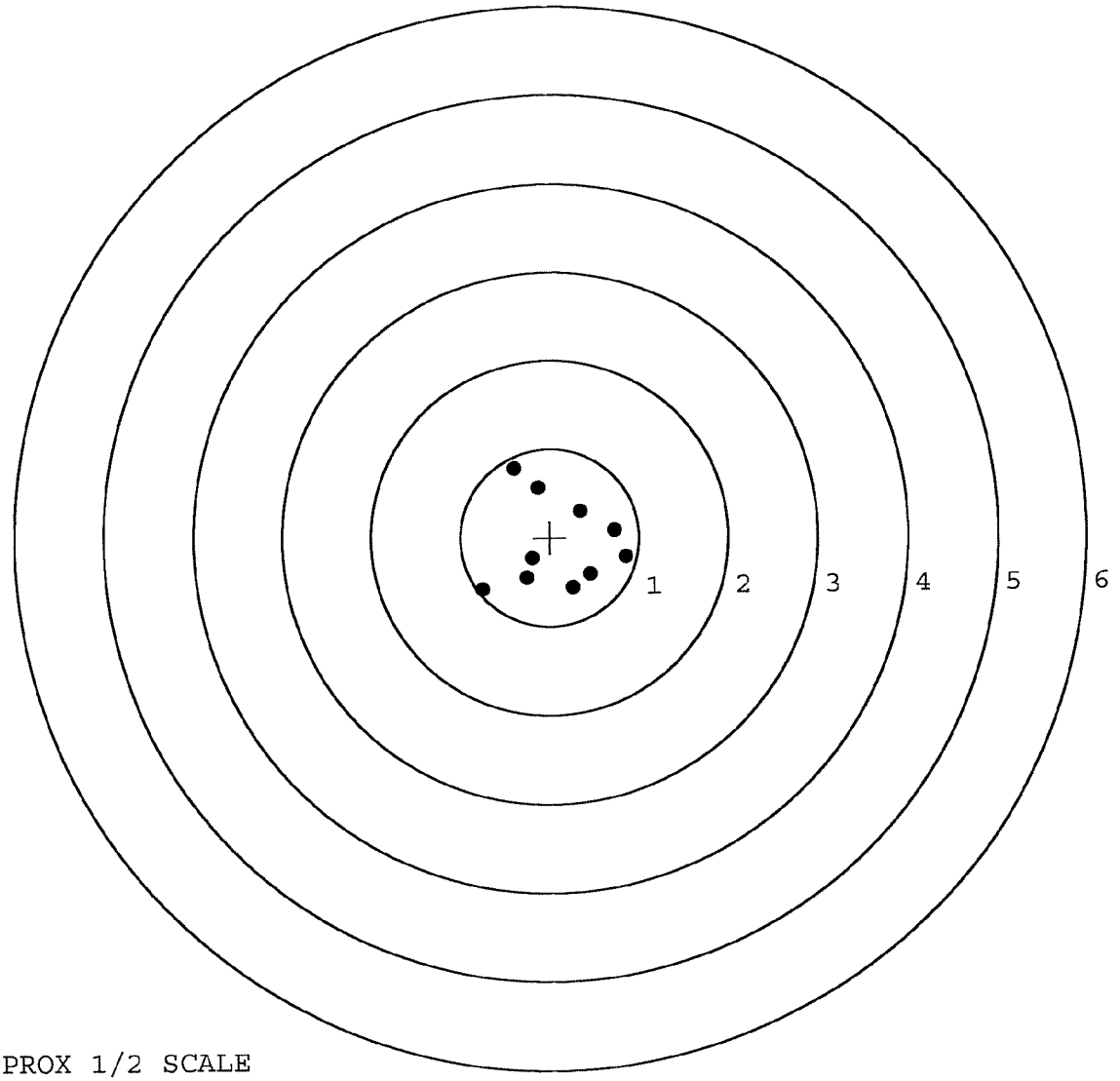


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522250.__0
TARGET NUMBER: 4
FILE DATE: 11/28/2005
FILE TIME: 14:36

X CENTROID:	0.087
Y CENTROID:	-0.076
POA TO CENTROID:	0.116
HORZ SPREAD:	1.604
VERT SPREAD:	1.363
GROUP SPREAD:	1.599
MIN RADIUS:	0.331
MAX RADIUS:	0.984
MEAN RADIUS:	0.639
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.394	0.782
2:	-0.128	0.563
3:	0.344	0.297
4:	0.723	0.081
5:	0.848	-0.225
6:	0.449	-0.415
7:	0.255	-0.568
8:	-0.201	-0.238
9:	-0.266	-0.454
10:	-0.756	-0.581

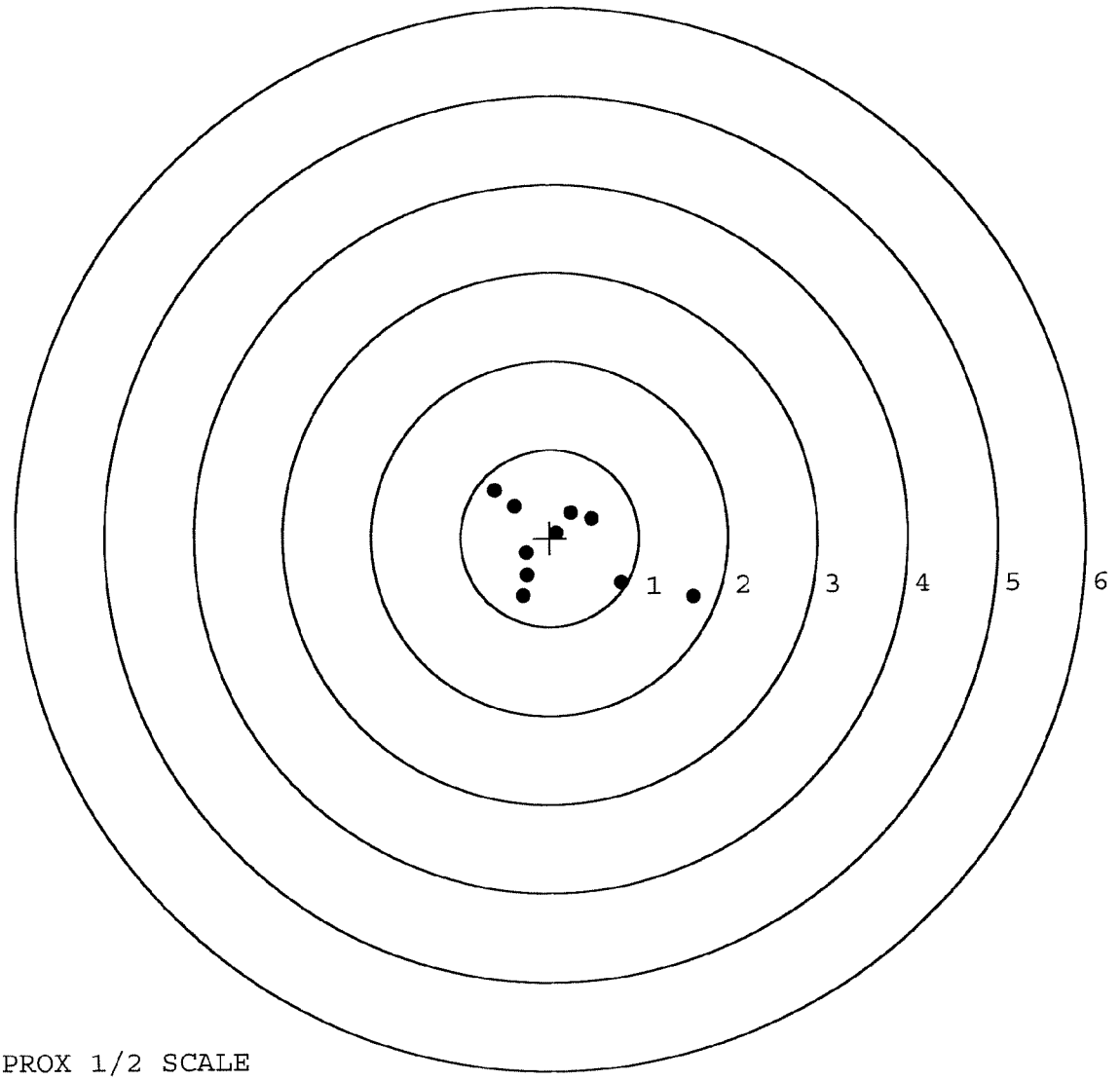


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522250.__0
TARGET NUMBER: 5
FILE DATE: 11/28/2005
FILE TIME: 14:36

X CENTROID:	0.132
Y CENTROID:	-0.099
POA TO CENTROID:	0.165
HORZ SPREAD:	2.216
VERT SPREAD:	1.223
GROUP SPREAD:	2.531
MIN RADIUS:	0.165
MAX RADIUS:	1.580
MEAN RADIUS:	0.671
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.600	-0.682
2:	0.798	-0.516
3:	0.473	0.214
4:	0.234	0.283
5:	0.069	0.054
6:	-0.396	0.363
7:	-0.616	0.541
8:	-0.267	-0.167
9:	-0.266	-0.423
10:	-0.313	-0.656



TARGET APPROX 1/2 SCALE

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 11-04-05

TESTER S.F.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET - 2.50 LBS		COMMENTS
PULL #1	2.52	2.72		2.42	
PULL #2	2.56	2.68		2.73	
PULL #3	2.54	2.45		2.52	
PULL #4	2.67	2.67		2.58	
PULL #5	2.49	2.78		2.33	
TOTAL	12.78	13.30		12.58	
AVERAGE	2.56	2.66		2.52	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.09	3.08		
PULL #2	3.16	3.10		
PULL #3	3.19	3.21		
PULL #4	3.24	3.20		
PULL #5	2.94	3.23		
TOTAL	15.62	15.82		
AVERAGE	3.12	3.16		

	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	4.11	4.16		3.96
PULL #2	4.25	4.31		4.03
PULL #3	4.15	4.21		3.90
PULL #4	4.07	4.23		4.09
PULL #5	4.16	4.19		4.24
TOTAL	20.74	21.10		20.22
AVERAGE	4.15	4.22		4.04

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	10 2779	Camp Shelby		
SERIAL NUMBER	C65222 50			
LOG-IN DATE	10-26-05			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		11-4-05	AC
505	RE-BARREL		11-8-05	AC
560	ASSEMBLE		11-15-05	CD
600	PROOF	MAGNA-FLUX INSPECTED	11-15-05	CD
605	CHECK HEADSPACE	NOV 18 2005	11-15-05	CD
610	DIS-ASSEMBLE GUN		11-15-05	CD
612	MAGNAFLUX	OPERATOR [illegible]	11/18/05	[illegible]
510	DRILL AND TAP		11-17-05	BR
615	ROLLMARK CALIBER		11-18-05	CW
618	ROTO-BLAST		11-21-05	WB
620	APPLY COATINGS		11/22/05	RB
625	FINAL ASSEMBLY		11-23-05	BG
640	FUNCTION TEST AND	PASS FAIL	11-28-05	TRW
650	TARGET	PASS FAIL	11-28-05	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	11-28-05	TRW
670	FINAL INSPECTION		11-28-05	AC
	A) HEADSPACE	PASS FAIL	11-28-05	AC
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.53 2.73 2.71 2.62 2.77		AC
680	F) SAFETY ON FORCE (2 LBS MIN 10 LBS)	6 lbs 6 lbs 6 lbs		AC
	G) SAFETY OFF FORCE (2 LBS MIN)	4 lbs 4 lbs 4 lbs		AC
	I) FIRING PIN INDENT (.020)	.024 .024 .024		AC
690	PACK		12-1-05	[illegible]

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522250

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/24/90	KS
600	Proof		6/26/90	KS
607	Check Headspace		6/26/90	KS
610	Dis-assemble Gun		6/26/90	KS
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	ES
618	Polish Barrel RB		7/13/90	WB
620	Apply Coatings (Barrel Action)		7-23-90	DH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/10/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/10/90	KS
	C) Inspect Ejector Hole for Chamfer		8/10/90	KS
	D) Oil Firing Pin Ass'y		8/10/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		9-11-90	JL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			8/6/90	JL
	G) Safety Off Force	3	3	3			8/6/90	JL
	H) Trigger Pull Test & Retainability						9-11-90	JL
	I) Firing Pin Indent	.0235	.0235	.0235			8/6/90	JL
	J) Assemble Stock						8/13/90	KS
	K) Assemble Swivel Studs						9/12/90	KS
	L) Attach Front and Rear Sight Assemblies						8/13/90	KS
	M) Iron Sight Alignment						8/13/90	KS
	N) Detach Front & Rear Sights & place in numbered container						8/13/90	KS
	O) Attach Scope to Rifle						8/13/90	KS
	P) Detach & Attach Scope 20 Times						8/13/90	KS
640	Gallery Target & Test						8-14-90	DH
	A) Time						8-14-90	DH
	B) Malfunctions						8-14-90	DH
	C) Pierced Primers						8-14-90	DH
	D) Optical Clearity of Scope						8-14-90	DH
645	Inspect for Live Ammo						8-14-90	DH
655	Final Inspection A) Headspace						9/12/90	KS
	B) Trigger Pull	2.25	2.27	2.39	2.19	2.58	9-11-90	JL
	C) Function						9/12/90	KS
660	Pack						9/19/90	JF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C652225D

DATE 9-11-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.41	2.34	2.25	MIN. SETTING,
PULL #2	2.30	2.37	2.44	2.27	NO AVG. OF 5
PULL #3	2.12	2.44	2.44	2.39	READINGS ACCEPT-
PULL #4	2.31	2.41	2.47	2.19	ABLE LESS THAN 2#
PULL #5	2.43	2.40	2.44	2.38	
TOTAL	11.84	12.03	12.13	11.48	
AVG.	2.368	2.406	2.426	2.296	

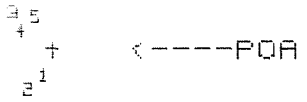
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.43	3.27		
PULL #2	3.44	3.21		
PULL #3	3.45	3.23		
PULL #4	3.50	3.21		
PULL #5	3.25	3.27		
TOTAL	17.07	16.19		
AVG.	3.414	3.238		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.19		4.33
PULL #2	4.20	4.28		4.35
PULL #3	4.29	4.29		4.34
PULL #4	4.35	4.32		4.34
PULL #5	4.19	4.37		4.36
TOTAL	21.29	21.45		21.72
AVG.	4.258	4.29		4.344

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522250
14 Aug 1990

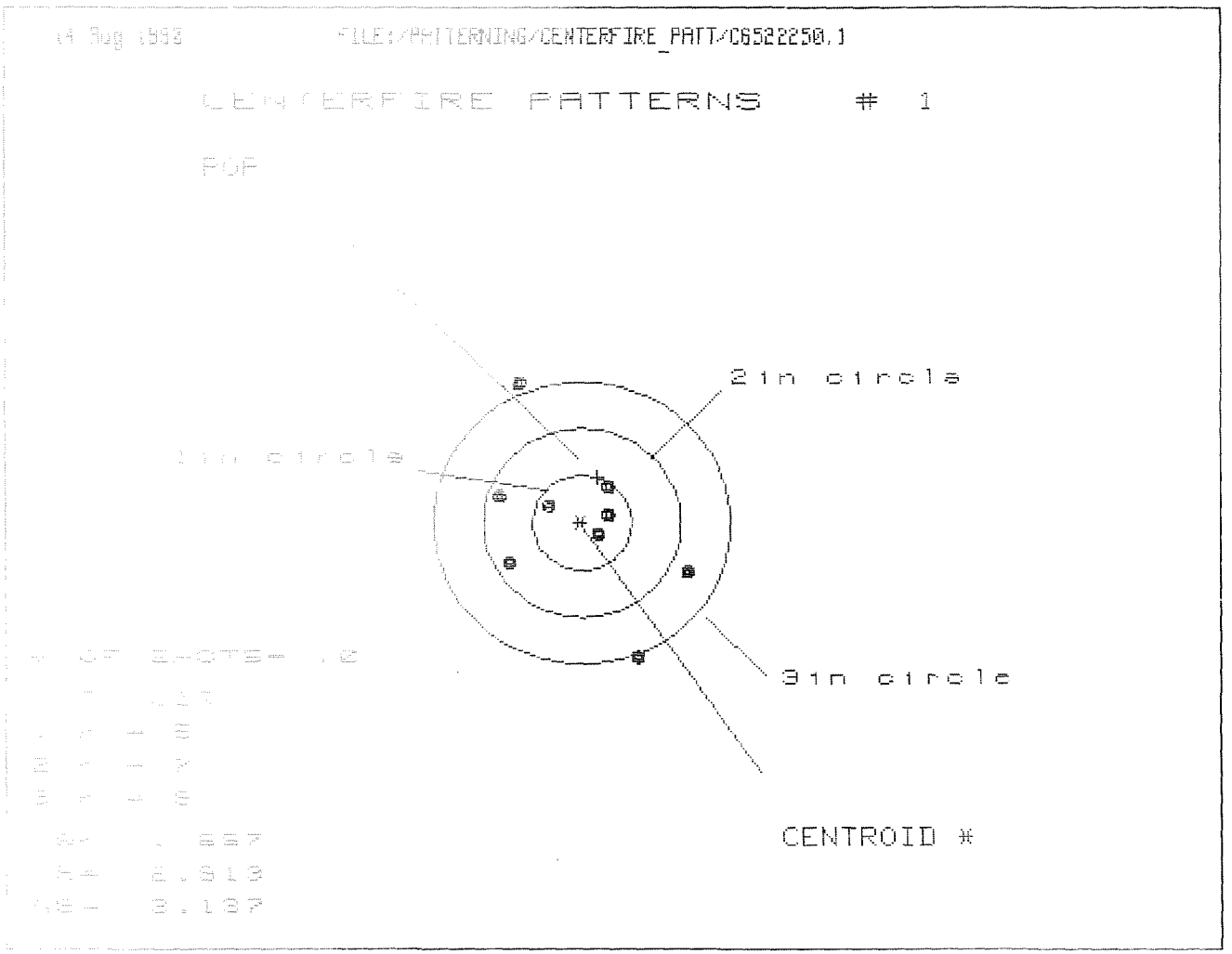
CENTROIDAL DISTANCES

C TO	1	.507868
C TO	2	.370794
C TO	3	1.31391
C TO	4	.926654
C TO	5	1.10193

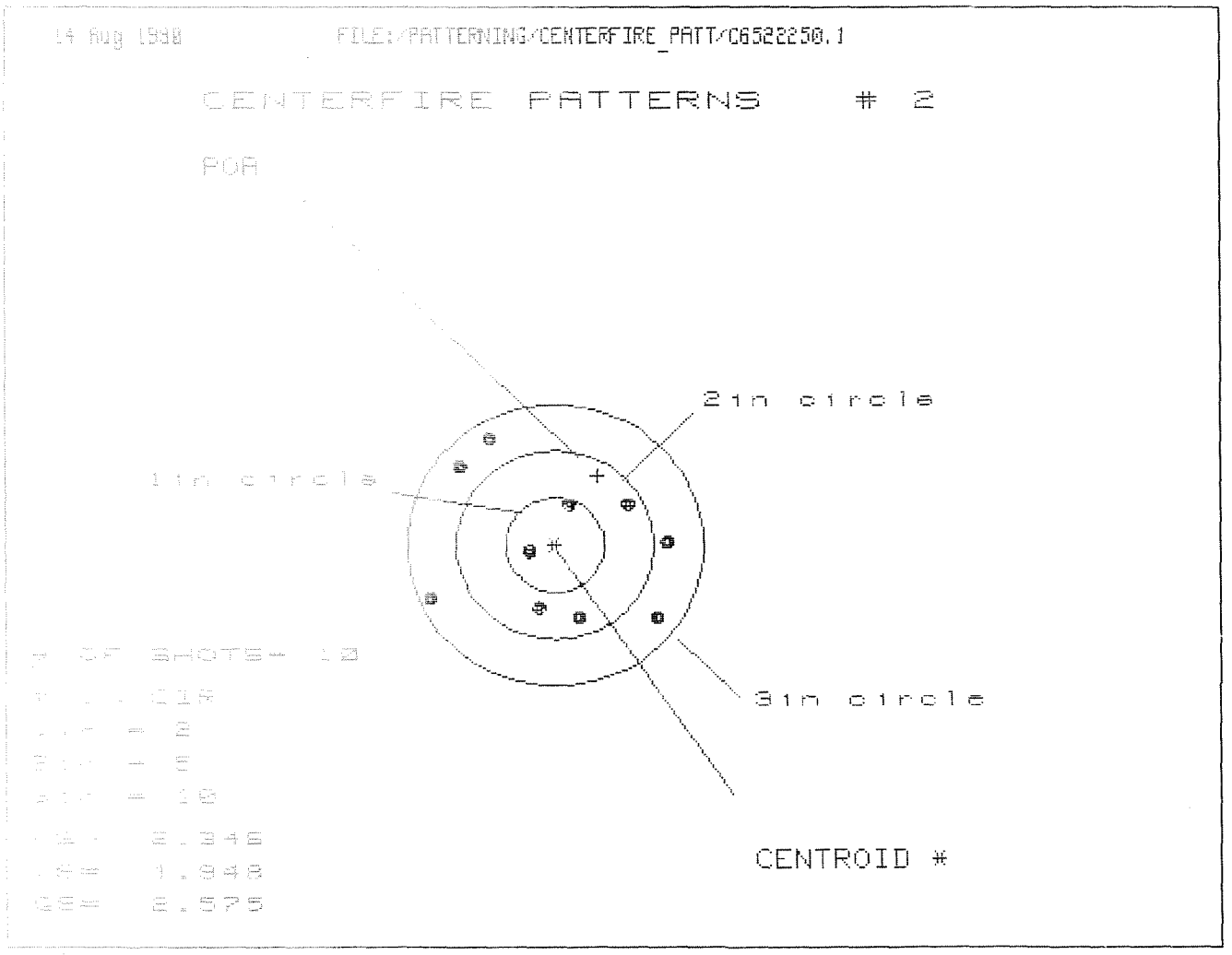


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.4384
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0916
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .447867

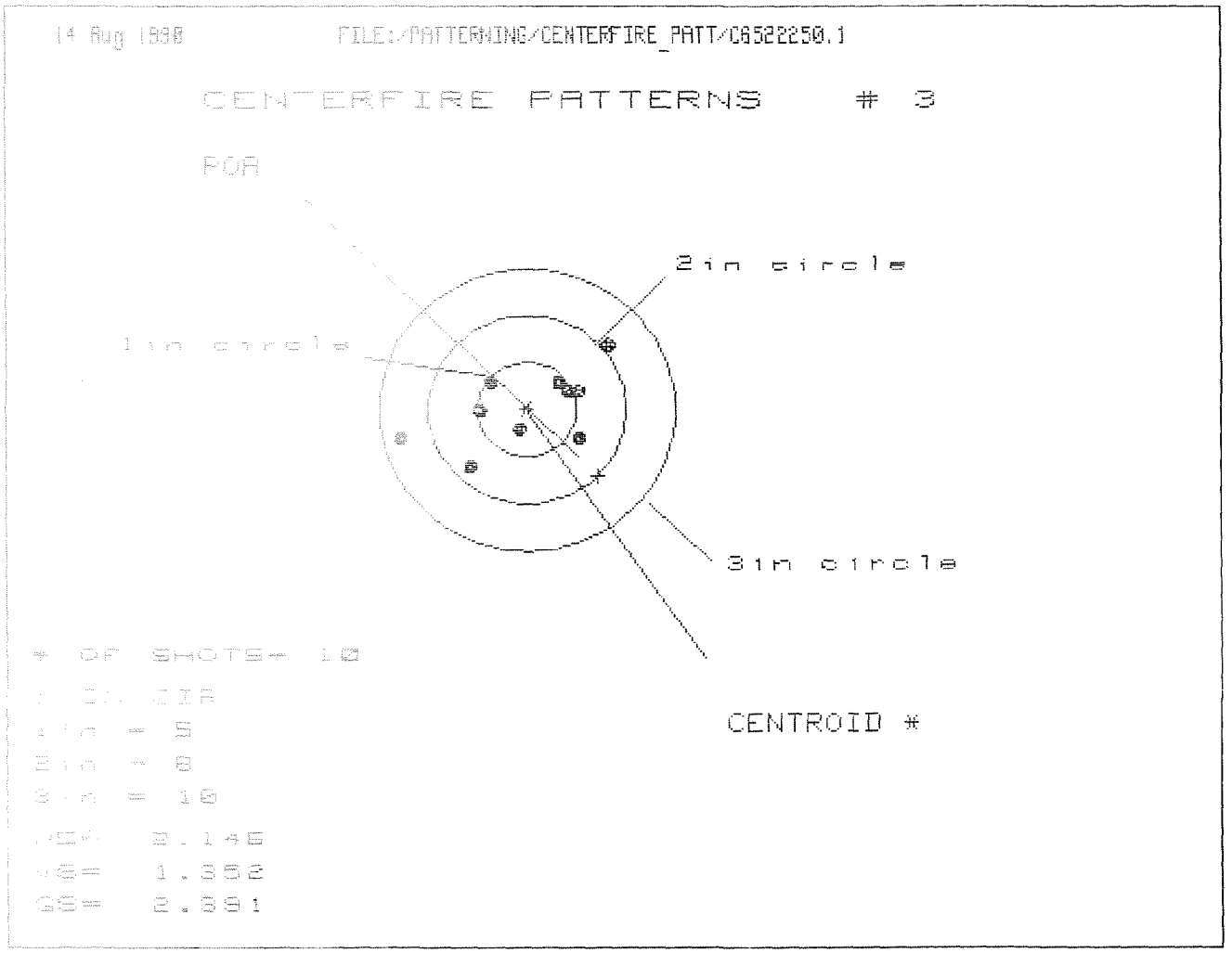
THE AMR FOR THIS RIFLE IS: .8176



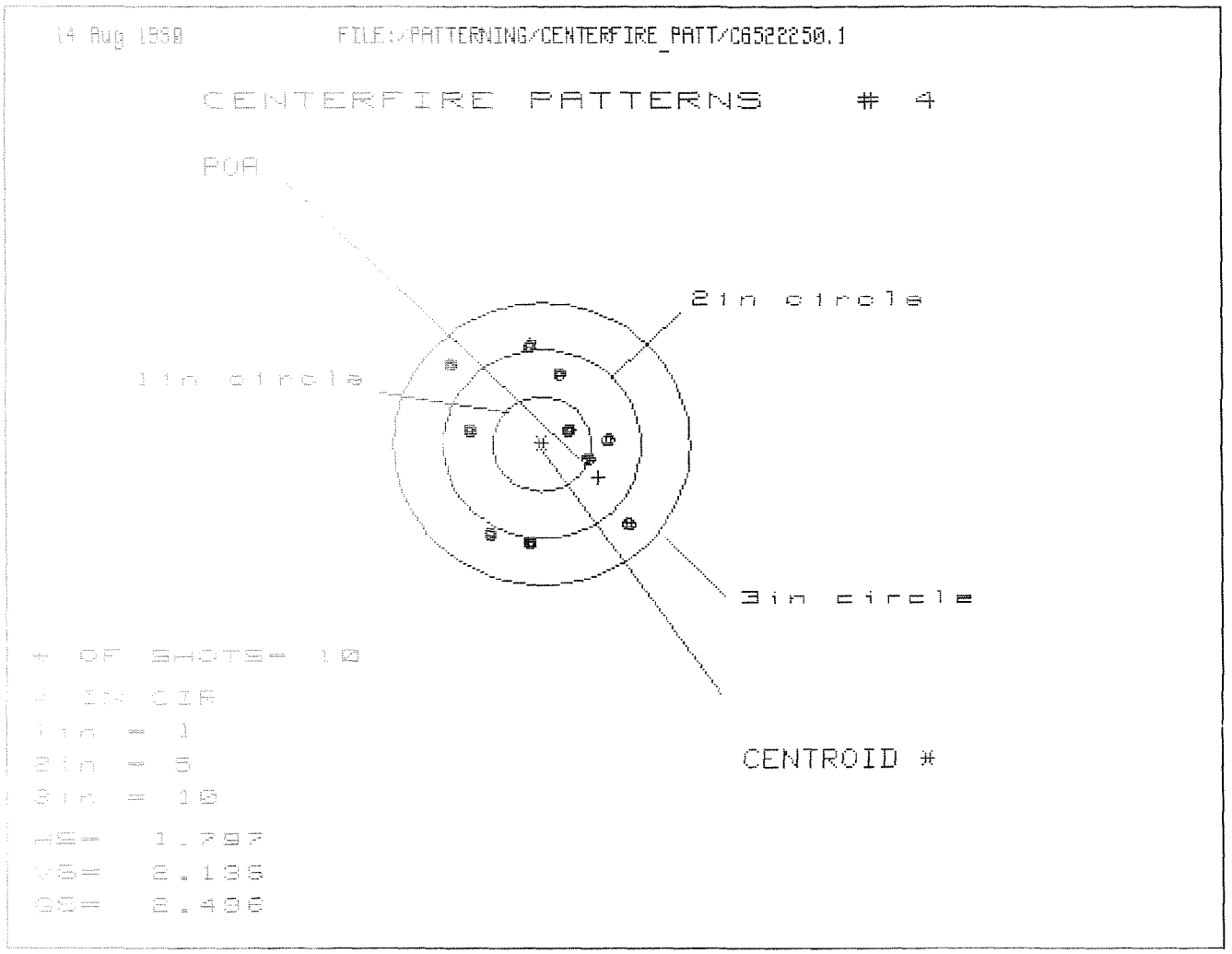
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.094	1.025	1.084
MINIMUM X	:	-.803	-.872	-.813
MAXIMUM Y	:	1.529	.543	.391
MINIMUM Y	:	-1.384	-1.214	-.491
CENTROID X	:	-.163	-.094	-.153
CENTROID Y	:	-.481	-.651	-.499
POR TO CENTROID in.	:	.508	.658	.522
MIN RADIUS	:	.220	.102	.201
MEAN RADIUS	:	.769	.666	.568
MAX RADIUS	:	1.651	1.303	1.190
HORIZONTAL SPREAD	:	1.897	1.897	1.897
VERTICAL SPREAD	:	2.913	1.757	.882
EXTREME SPREAD	:	3.137	2.165	2.067
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	



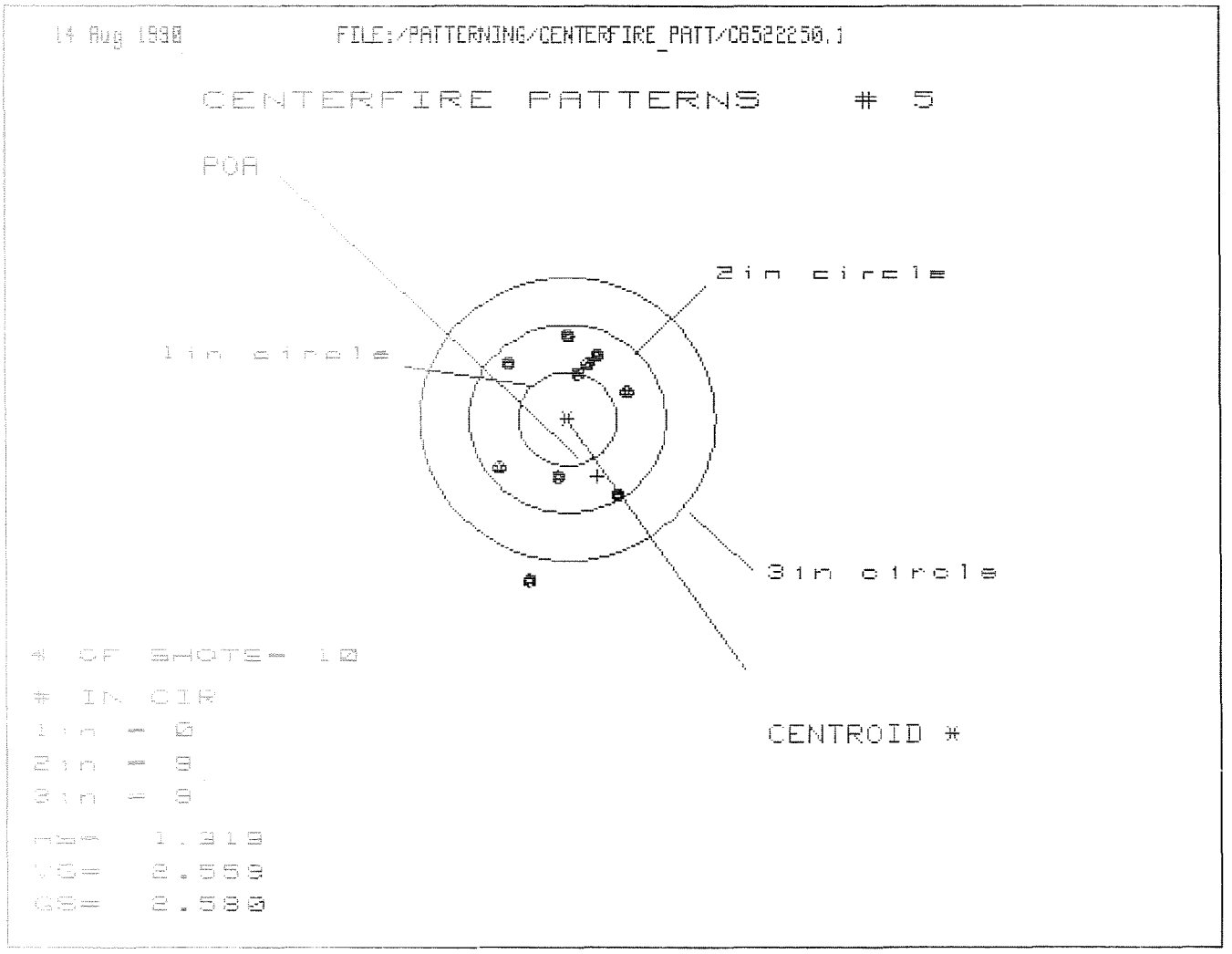
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.090	.950	.851
MINIMUM X	:	-1.256	-1.093	-1.192
MAXIMUM Y	:	1.145	1.086	.868
MINIMUM Y	:	-.803	-.862	-.726
CENTROID X	:	-.435	-.295	-.196
CENTROID Y	:	-.733	-.674	-.810
POA TO CENTROID in.	:	.853	.736	.833
MIN RADIUS	:	.283	.363	.503
MEAN RADIUS	:	.935	.879	.808
MAX RADIUS	:	1.365	1.346	1.475
HORIZONTAL SPREAD	:	2.346	2.043	2.043
VERTICAL SPREAD	:	1.948	1.948	1.594
EXTREME SPREAD	:	2.575	2.575	2.543
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	



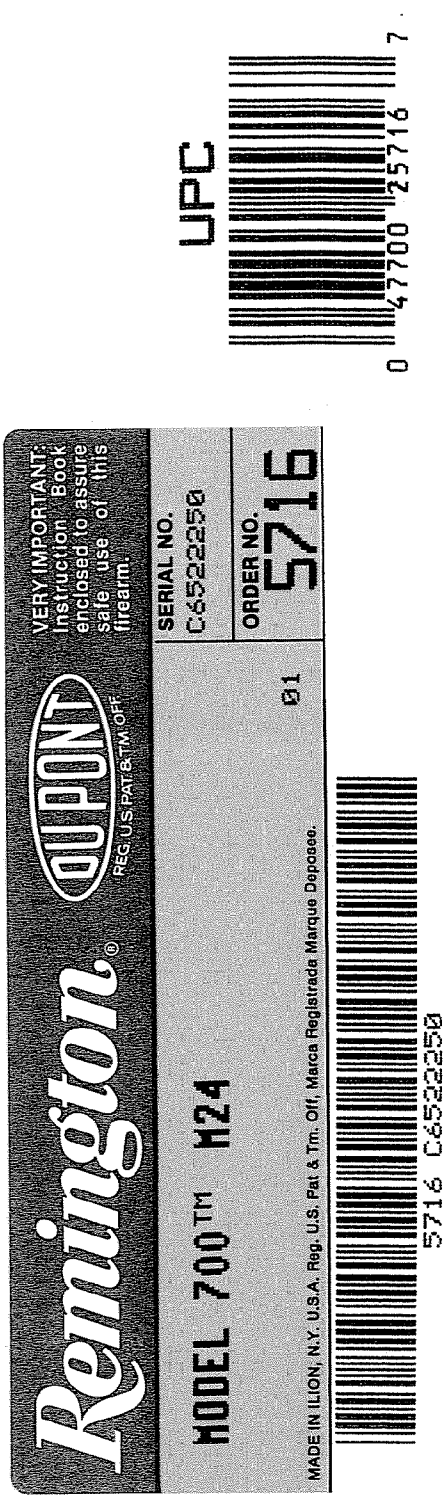
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.859	.716	.509
MINIMUM X	:	-1.287	-.686	-.596
MAXIMUM Y	:	.697	.657	.357
MINIMUM Y	:	-.655	-.695	-.613
CENTROID X	:	-.720	-.577	-.667
CENTROID Y	:	.709	.749	.667
POA TO CENTROID in.	:	1.011	.946	.943
MIN RADIUS	:	.234	.316	.233
MEAN RADIUS	:	.657	.566	.514
MAX RADIUS	:	1.336	.977	.855
HORIZONTAL SPREAD	:	2.146	1.402	1.105
VERTICAL SPREAD	:	1.352	1.352	.970
EXTREME SPREAD	:	2.391	1.948	1.369
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.885	.740	.638
MINIMUM X	:	-.912	-.813	-.757
MAXIMUM Y	:	1.045	.946	1.039
MINIMUM Y	:	-1.094	-1.193	-1.100
CENTROID X	:	-.571	-.670	-.568
CENTROID Y	:	.351	.450	.357
POA TO CENTROID in.	:	.671	.807	.671
MIN RADIUS	:	.281	.360	.276
MEAN RADIUS	:	.875	.833	.781
MAX RADIUS	:	1.255	1.193	1.104
HORIZONTAL SPREAD	:	1.797	1.553	1.395
VERTICAL SPREAD	:	2.139	2.139	2.139
EXTREME SPREAD	:	2.496	2.140	2.140
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.642	.601	.653
MINIMUM X	:	-.677	-.718	-.666
MAXIMUM Y	:	.855	.666	.540
MINIMUM Y	:	-1.704	-1.003	-.905
CENTROID X	:	-.303	-.262	-.314
CENTROID Y	:	.612	.801	.927
POA TO CENTROID in.	:	.683	.843	.978
MIN RADIUS	:	.554	.361	.268
MEAN RADIUS	:	.852	.705	.623
MAX RADIUS	:	1.742	1.086	1.067
HORIZONTAL SPREAD	:	1.319	1.319	1.319
VERTICAL SPREAD	:	2.559	1.669	1.445
EXTREME SPREAD	:	2.580	1.783	1.594
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		9	


Remington
DUPONT
REG. U.S. PAT. & T.M. OFF.
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ M24
SERIAL NO. C6522250
ORDER NO. 5716
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