C6594594

MODEL 700 TH M24

Model 5KR6 TH

Action

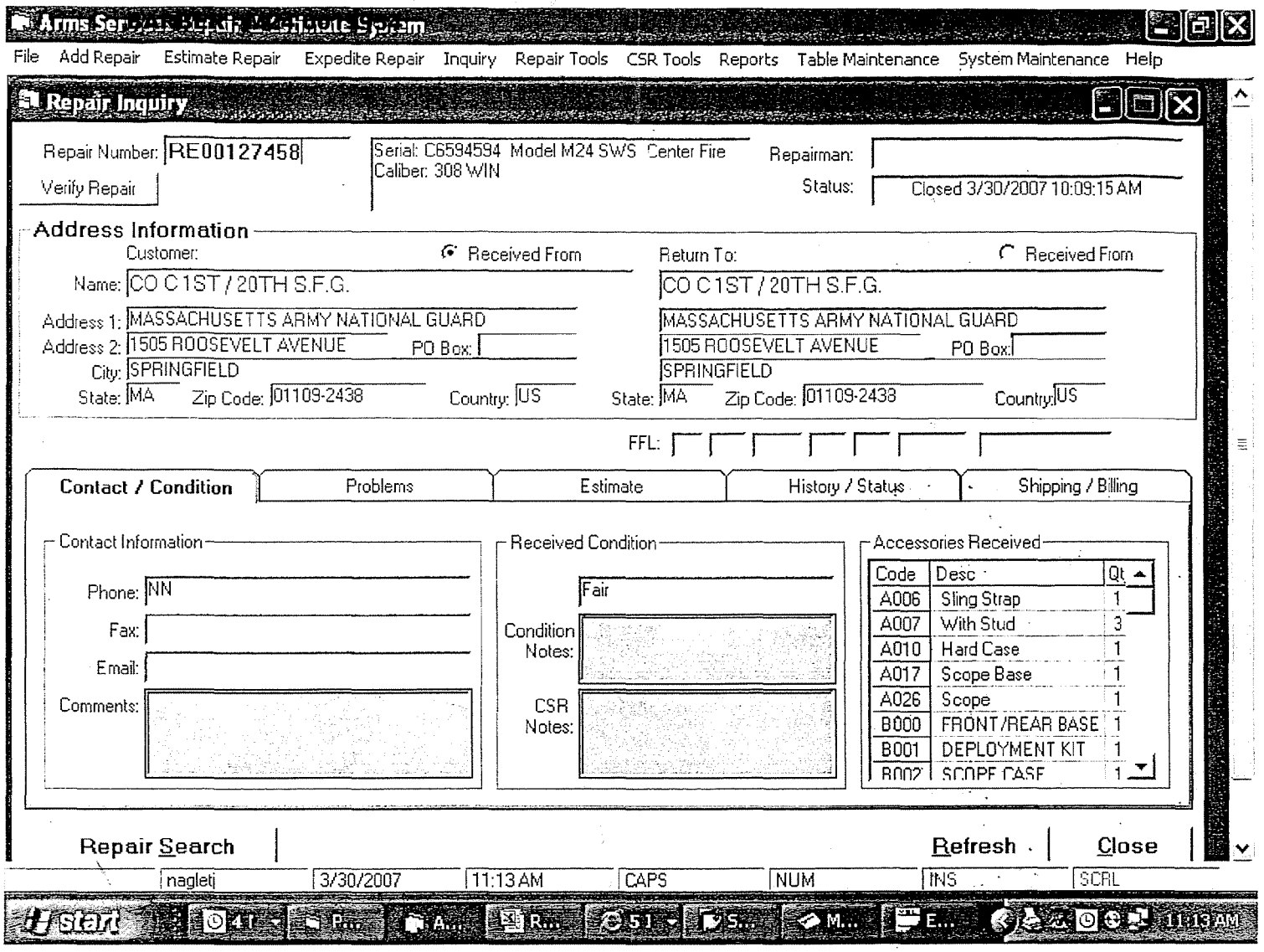
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®



Serial Number: C6594594

Model: M24 SWS

RE00127458

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594594.__0
FILE DATE AND TIME: 05/08/2007 12:29

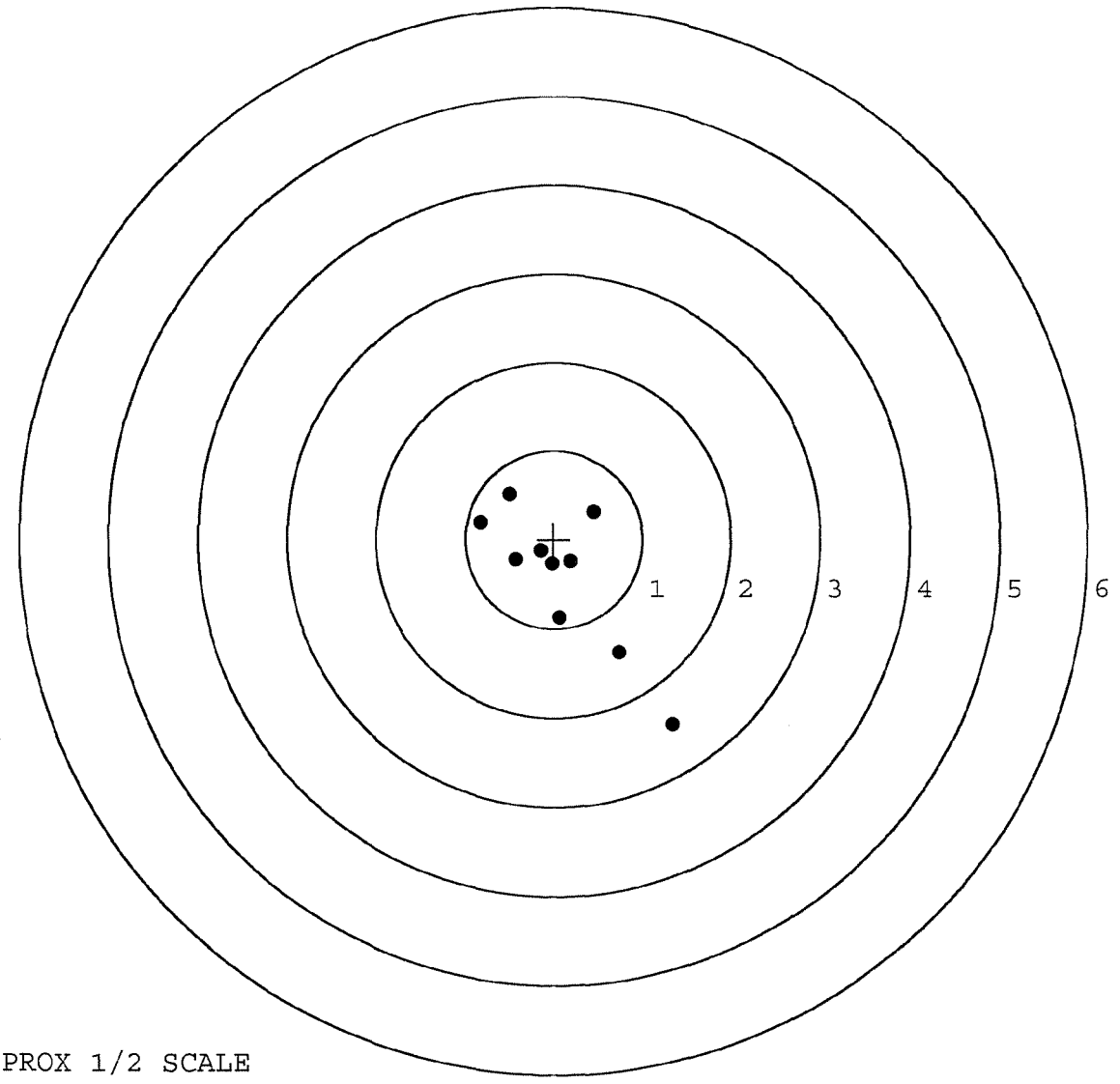
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.077
The Average Y Centroid of the Five Target Set:	-0.139
The Average Point of Impact of the Five Target Set:	0.159
The Average Mean Radius of the Five Target Set:	0.809
The Distance from POA to Centroid Target #1:	0.417
The Distance from Centroid Target #2 to Centroid Target #1:	0.246
The Distance from Centroid Target #3 to Centroid Target #1:	0.327
The Distance from Centroid Target #4 to Centroid Target #1:	0.355
The Distance from Centroid Target #5 to Centroid Target #1:	0.555

SERIAL NUMBER: C6594594.__0
TARGET NUMBER: 1
FILE DATE: 05/08/2007
FILE TIME: 12:29

X CENTROID:	0.083
Y CENTROID:	-0.409
POA TO CENTROID:	0.417
HORZ SPREAD:	2.162
VERT SPREAD:	2.589
GROUP SPREAD:	3.176
MIN RADIUS:	0.170
MAX RADIUS:	2.085
MEAN RADIUS:	0.792
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.335	-2.077
2:	0.736	-1.272
3:	0.064	-0.884
4:	0.192	-0.247
5:	0.447	0.316
6:	-0.149	-0.132
7:	-0.439	-0.229
8:	-0.827	0.199
9:	-0.504	0.512
10:	-0.021	-0.275



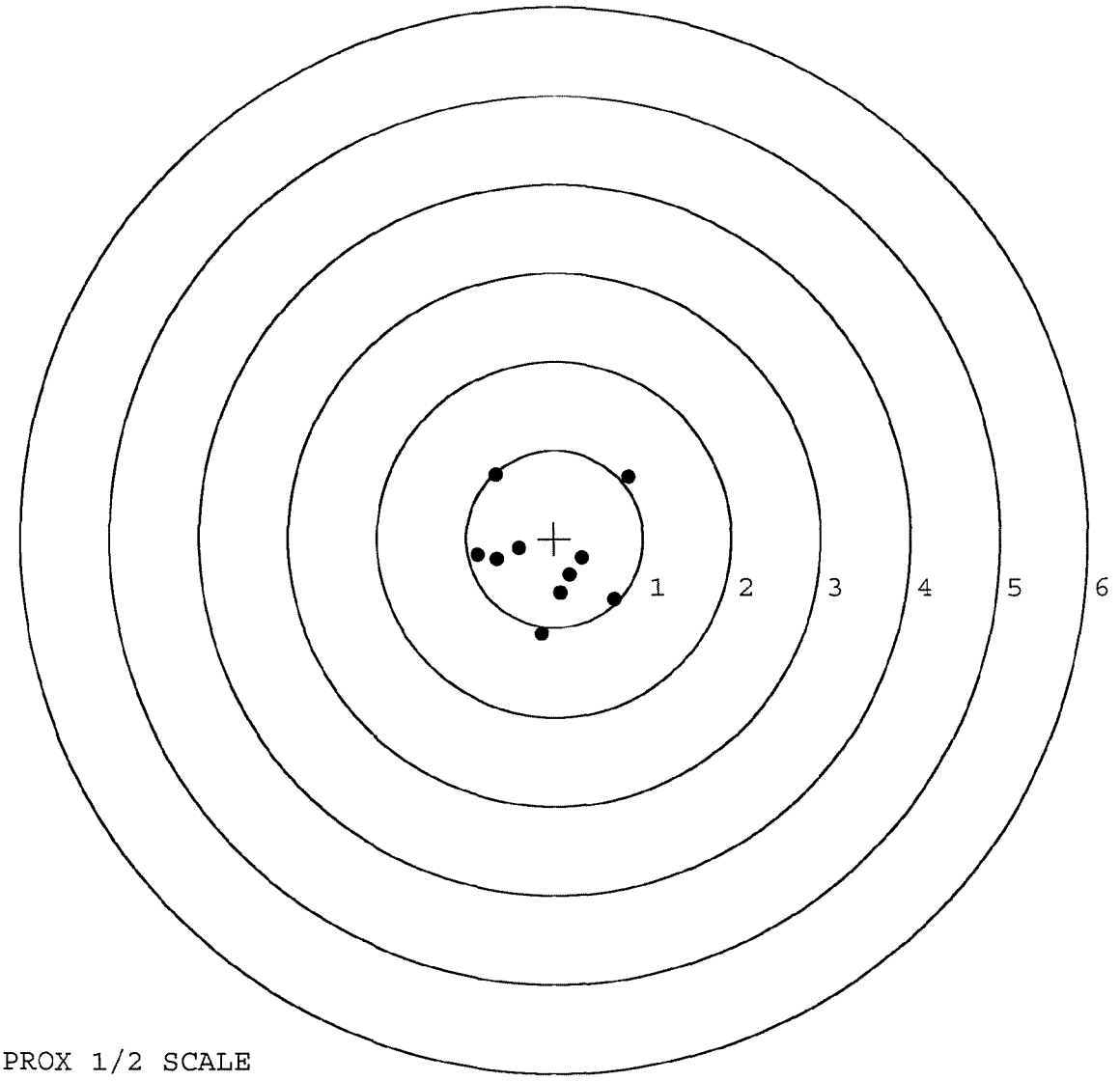
TARGET APPROX 1/2 SCALE

BARBER - M24 0019957

SERIAL NUMBER: C6594594.__0
TARGET NUMBER: 2
FILE DATE: 05/08/2007
FILE TIME: 12:29

X CENTROID:	-0.068
Y CENTROID:	-0.215
POA TO CENTROID:	0.225
HORZ SPREAD:	1.704
VERT SPREAD:	1.801
GROUP SPREAD:	2.036
MIN RADIUS:	0.310
MAX RADIUS:	1.287
MEAN RADIUS:	0.699
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.153	-1.078
2:	0.675	-0.690
3:	0.071	-0.620
4:	0.168	-0.417
5:	0.307	-0.226
6:	-0.403	-0.111
7:	-0.867	-0.197
8:	-0.650	-0.234
9:	-0.660	0.723
10:	0.837	0.701

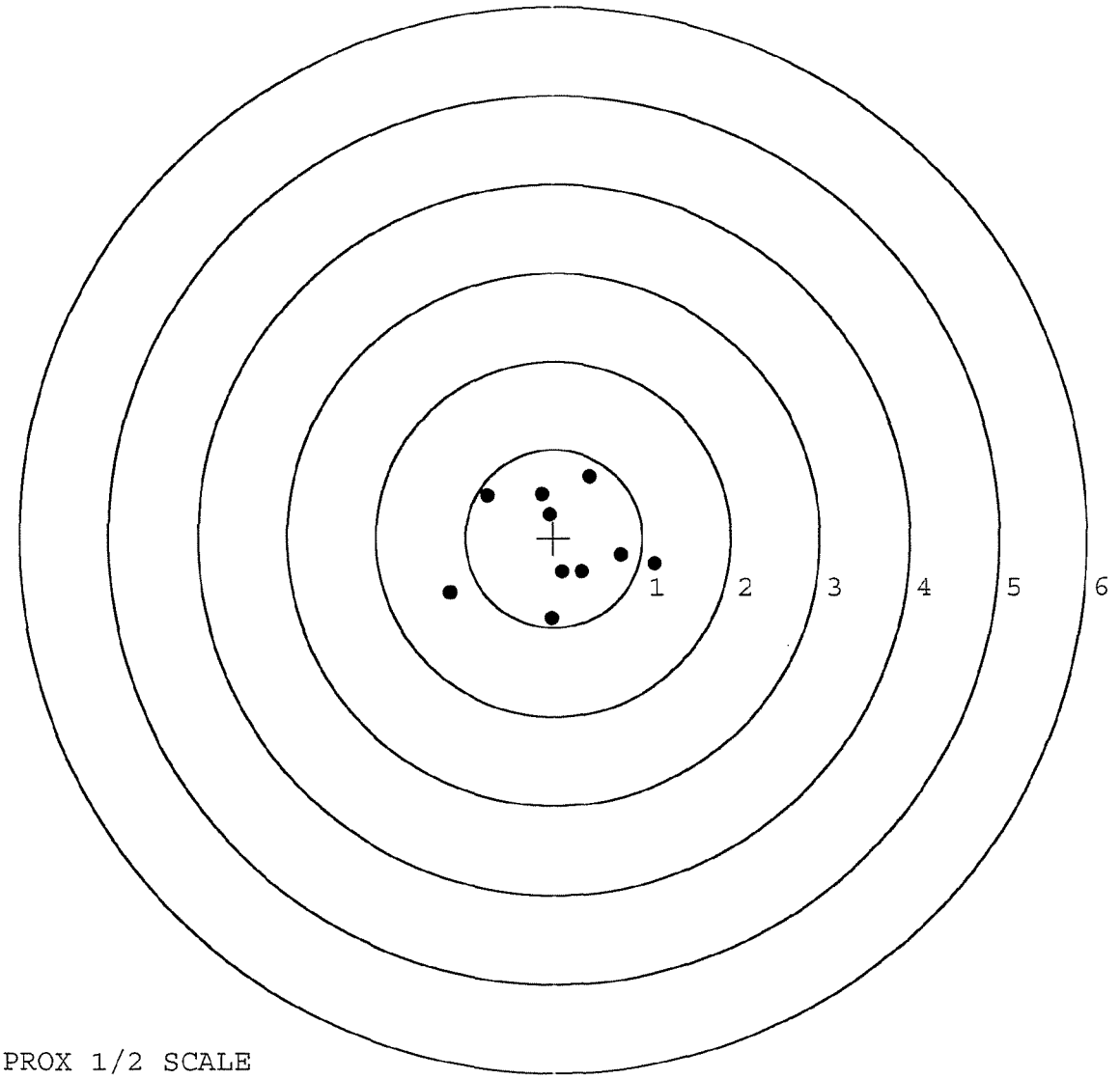


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594594.__0
TARGET NUMBER: 3
FILE DATE: 05/08/2007
FILE TIME: 12:29

X CENTROID:	0.058
Y CENTROID:	-0.083
POA TO CENTROID:	0.101
HORZ SPREAD:	2.309
VERT SPREAD:	1.602
GROUP SPREAD:	2.332
MIN RADIUS:	0.302
MAX RADIUS:	1.338
MEAN RADIUS:	0.749
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-1.168	-0.618
2:	-0.031	-0.906
3:	1.141	-0.289
4:	0.756	-0.188
5:	0.318	-0.385
6:	0.094	-0.382
7:	-0.050	0.264
8:	-0.138	0.499
9:	-0.752	0.483
10:	0.408	0.696

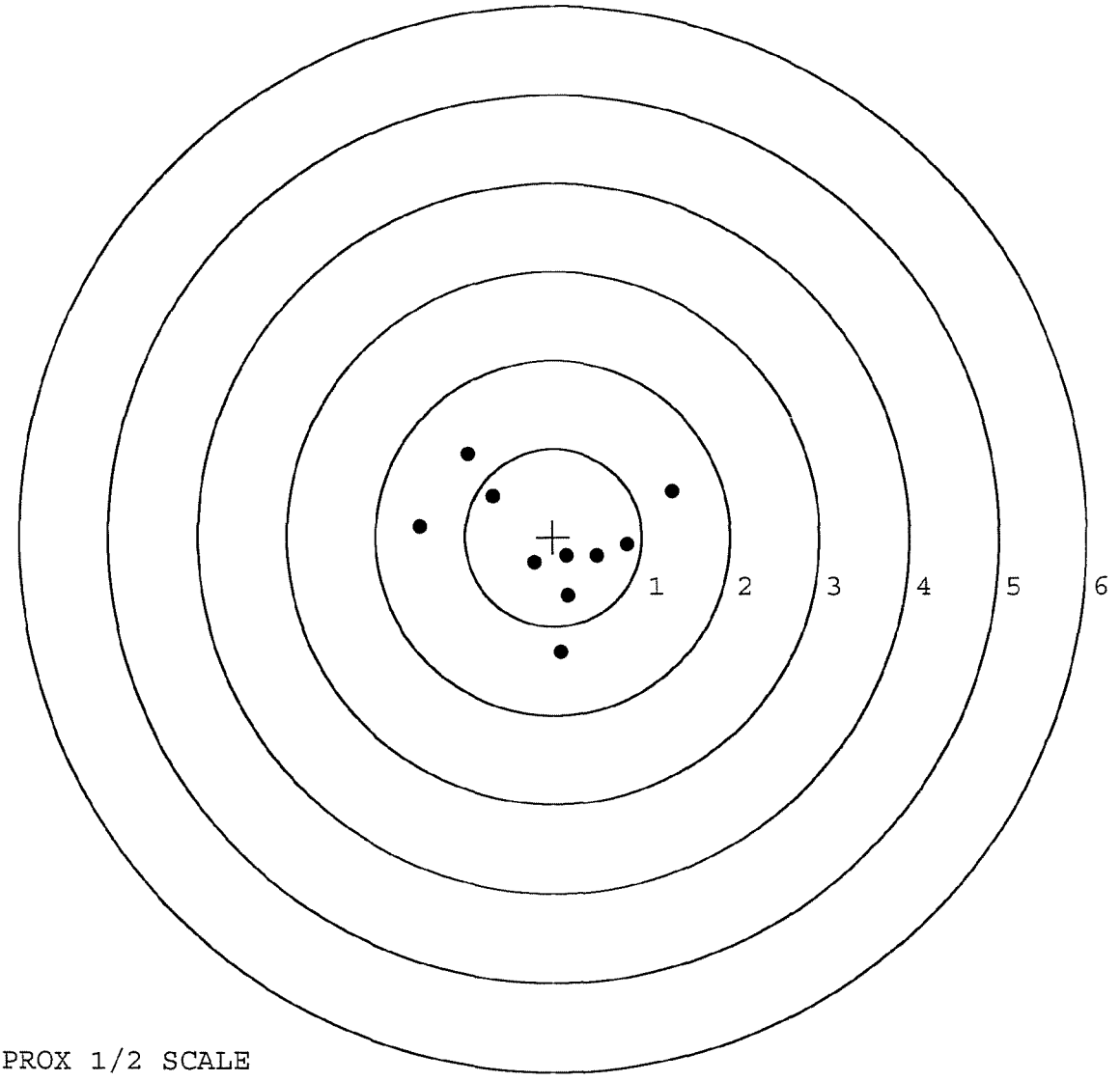


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594594.__0
TARGET NUMBER: 4
FILE DATE: 05/08/2007
FILE TIME: 12:29

X CENTROID:	-0.029
Y CENTROID:	-0.072
POA TO CENTROID:	0.077
HORZ SPREAD:	2.843
VERT SPREAD:	2.236
GROUP SPREAD:	2.871
MIN RADIUS:	0.230
MAX RADIUS:	1.492
MEAN RADIUS:	0.898
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.342	0.517
2:	0.838	-0.085
3:	0.089	-1.297
4:	0.161	-0.665
5:	0.495	-0.209
6:	-0.217	-0.288
7:	-0.682	0.466
8:	-0.962	0.939
9:	-1.501	0.117
10:	0.151	-0.215

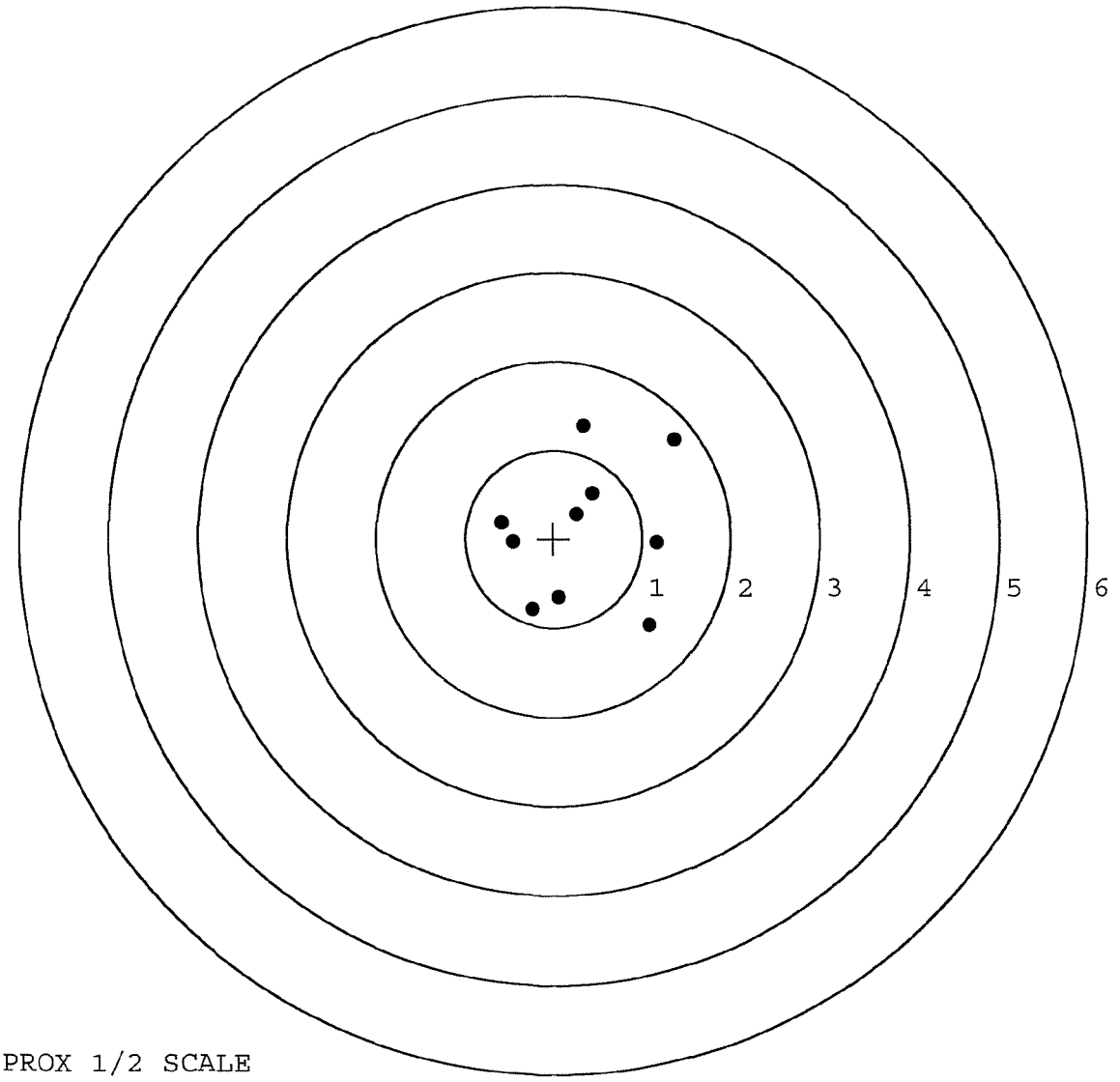


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594594.__0
TARGET NUMBER: 5
FILE DATE: 05/08/2007
FILE TIME: 12:29

X CENTROID:	0.340
Y CENTROID:	0.083
POA TO CENTROID:	0.350
HORZ SPREAD:	1.955
VERT SPREAD:	2.253
GROUP SPREAD:	2.507
MIN RADIUS:	0.210
MAX RADIUS:	1.455
MEAN RADIUS:	0.905
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.080	-0.975
2:	1.171	-0.049
3:	1.363	1.118
4:	0.337	1.278
5:	0.440	0.517
6:	0.257	0.276
7:	0.058	-0.663
8:	-0.245	-0.806
9:	-0.464	-0.046
10:	-0.592	0.178

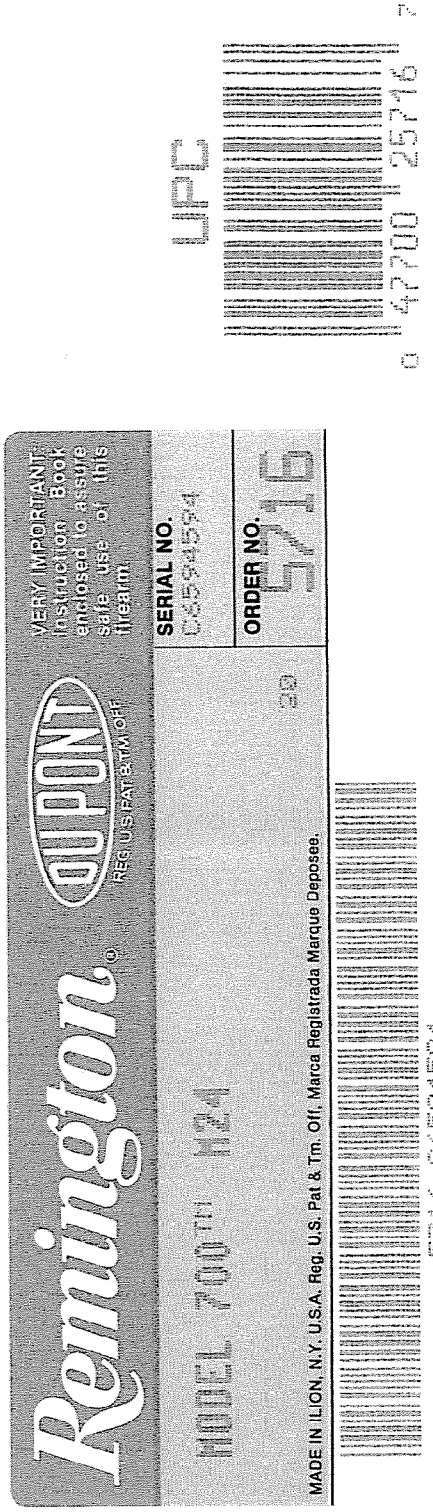


TARGET APPROX 1/2 SCALE

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

R & E NUMBER	127458
SERIAL NUMBER	C6594594
LOG-IN DATE	3-30-07

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		4/7/07	RTZ
505	RE-BARREL		4-20-07	RTZ
560	ASSEMBLE	MAGNA-FLUX APR 24 2007 OPERATOR	4-19-07	TRW
600	PROOF		4-19-07	TRW
605	CHECK HEADSPACE		4-19-07	TRW
610	DIS-ASSEMBLE GUN			
612	MAGNAFLUX		4/24/07	[illegible]
510	DRILL AND TAP		4-24-07	TRW
615	ROLLMARK CALIBER		4-24-07	CW
618	ROTO-BLAST		4-24-07	LB
620	APPLY COATINGS		4/27/07	WJ
625	FINAL ASSEMBLY		5-4-07	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	5/7/07	[illegible]
650	TARGET	(PASS) FAIL	5/7/07	[illegible]
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		5-14-07	RTZ
	A) HEADSPACE	(PASS) FAIL	5-14-07	RTZ
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.57 2.47 2.54 2.57 2.62	5-9-07	TRW
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	4.75 4.75 5.0	5-9-07	TRW
	G) SAFETY OFF FORCE (2 LBS MIN)	2.25 2.5 2.5	5-9-07	TRW
	I) FIRING PIN INDENT (.020)	.022 .022[illegible] .022	5-9-07	TRW
690	PACK		5-14-07	[illegible]


UPC
0 47700 25716
Remington
DUPONT
REG. U.S. PAT. PAT. OFF.
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm
SERIAL NO.
C6594594
ORDER NO.
5716
MODEL 700TH H24
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off. Marca Registrada Marque Deposee.
5716 C6594594

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594594

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		12/27/90	K.S.
600	Proof		12/27/90	K.S.
607	Check Headspace		12/27/90	K.S.
610	Dis-assemble Gun		12/27/90	K.S.
612	Magnaflux Barrel Action		1/9/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	GL
617	Drill and Tap Sight Holes	1 10 91		FB
618	Polish Barrel	1 10 91		WB
620	Apply Coatings (Barrel Action)		1-30-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/28/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/28/91	KS
	C) Inspect Ejector Hole for Chamfer		1/28/91	KS
	D) Oil Firing Pin Ass'y		1/28/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		1/29/91	GL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	4 3/4	5			1/29/91	WB
	G) Safety Off Force	3	3	3			1/29/9	WB
	H) Trigger Pull Test & Retainability						1-29-91	DM
	I) Firing Pin Indent	.0205	.021	.021			1/29/91	WB
	J) Assemble Stock						1/29/91	KS
	K) Assemble Swivel Studs						2-4-91	AC
	L) Attach Front and Rear Sight Assemblies						1/29/91	KS
	M) Iron Sight Alignment						1/29/91	KS
	N) Detach Front & Rear Sights & place in numbered container						1/29/91	KS
	O) Attach Scope to Rifle						1/29/91	KS
	P) Detach & Attach Scope 20 Times						1/29/91	KS
640	Gallery Target & Test						1-30-91	AC
	A) Time						1-30-91	AC
	B) Malfunctions						1-30-91	AC
	C) Pierced Primers						1-30-91	AC
	D) Optical Clearity of Scope						1-30-91	AC
645	Inspect for Live Ammo						1-30-91	AC
655	Final Inspection A) Headspace						2-4-91	AC
	B) Trigger Pull	2.34	2.22	2.20	2.14	2.20	2-4-91	DM
	C) Function						2-4-91	AC
660	Pack						3-19-91	VF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6594594

DATE 1-29-91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.35	2.51	2.34	MIN. SETTING,
PULL #2	2.28	2.39	2.39	2.22	NO AVG. OF 5
PULL #3	2.30	2.38	2.54	2.20	READINGS ACCEPT-
PULL #4	2.35	2.25	2.53	2.14	ABLE LESS THAN 2#
PULL #5	2.36	2.33	2.53	2.20	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.53	3.31		
PULL #2	3.26	3.29		
PULL #3	3.56	3.16		
PULL #4	3.39	3.38		
PULL #5	3.39	3.35		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.15		4.44
PULL #2	4.53	4.41		4.50
PULL #3	4.20	4.50		4.34
PULL #4	4.46	4.22		4.46
PULL #5	4.44	4.23		4.40
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594594
30 Jan 1991

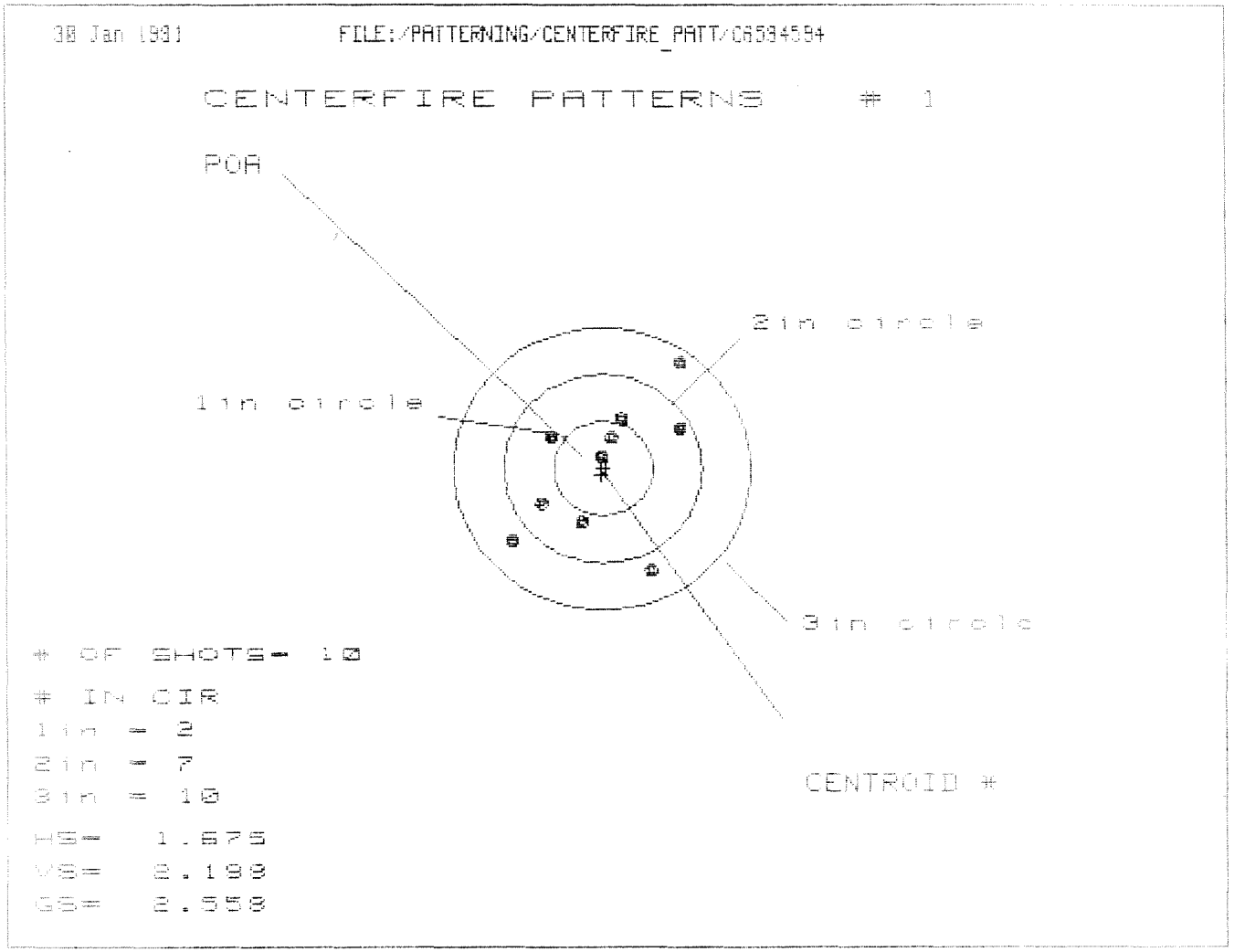
CENTROIDAL DISTANCES

0	TO	1	.0725328
1	TO	2	.154402
1	TO	3	.483266
1	TO	4	.389693
1	TO	5	.0963379

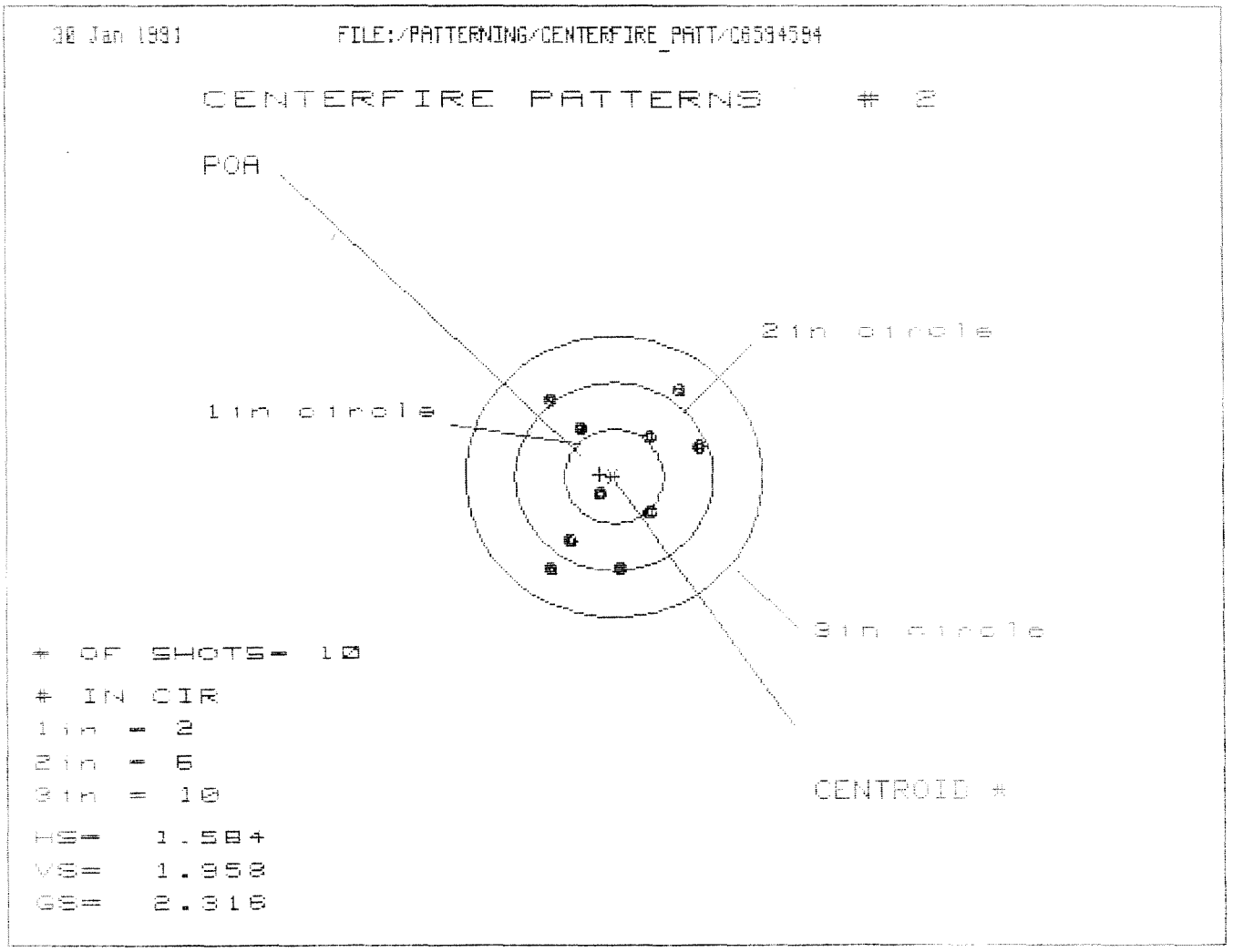
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0878
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .133075

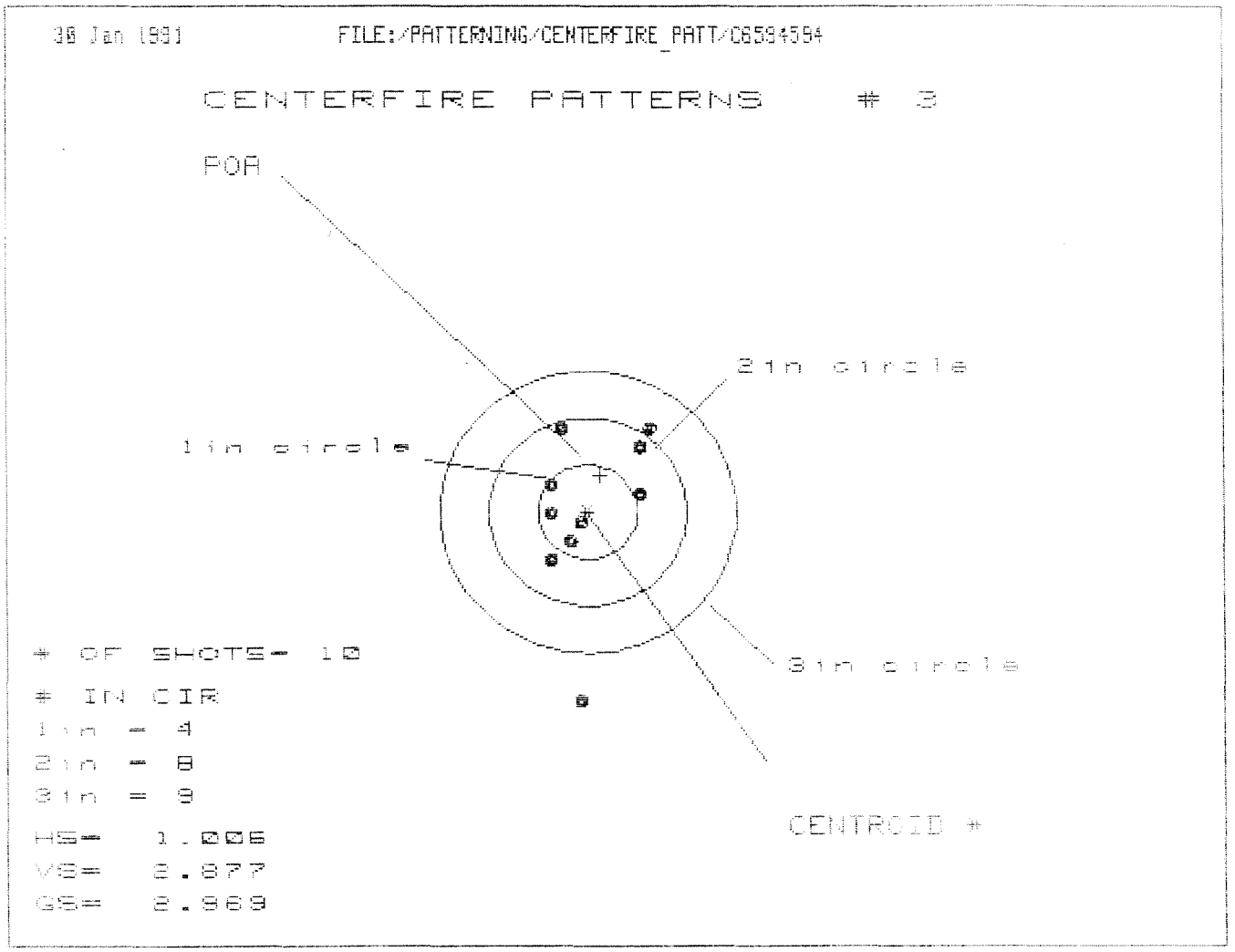
THE AMR FOR THIS RIFLE IS: .816



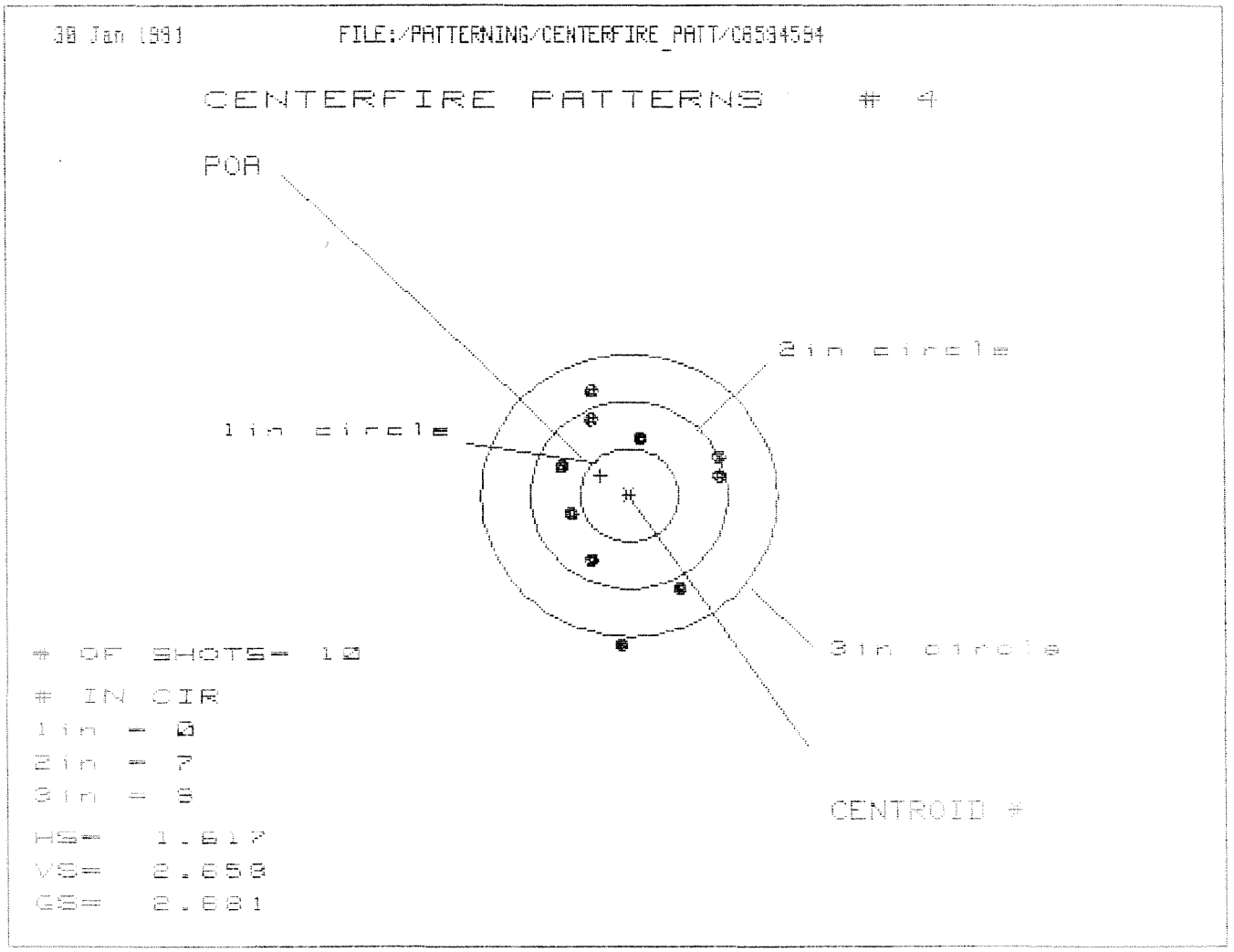
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.750	.832	.726
MINIMUM X	:	-.925	-.843	-.614
MAXIMUM Y	:	1.129	.663	.577
MINIMUM Y	:	-1.069	-.944	-1.030
CENTROID X	:	.019	-.063	.043
CENTROID Y	:	.070	-.055	.031
POA TO CENTROID in.	:	.073	.084	.053
MIN RADIUS	:	.093	.239	.130
MEAN RADIUS	:	.756	.702	.631
MAX RADIUS	:	1.348	1.089	1.117
HORIZONTAL SPREAD	:	1.675	1.675	1.340
VERTICAL SPREAD	:	2.198	1.607	1.607
EXTREME SPREAD	:	2.558	2.107	1.726
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	



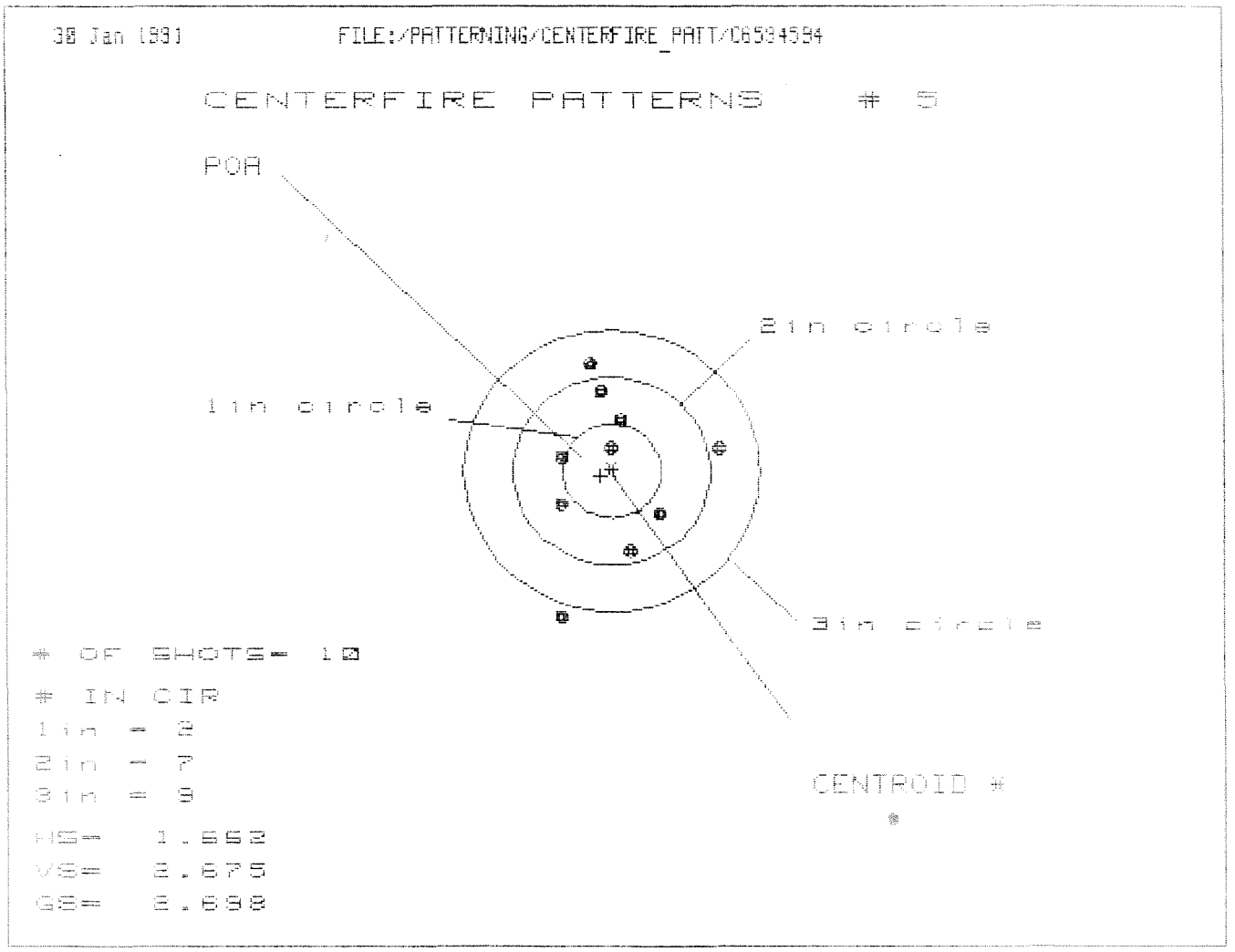
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.894	.819	.892
MINIMUM X	:	-.690	-.765	-.692
MAXIMUM Y	:	.949	.844	.864
MINIMUM Y	:	-1.009	-1.114	-1.009
CENTROID X	:	.143	.218	.145
CENTROID Y	:	-.022	.083	-.022
POA TO CENTROID in.	:	.145	.233	.147
MIN RADIUS	:	.181	.311	.183
MEAN RADIUS	:	.810	.768	.722
MAX RADIUS	:	1.163	1.115	1.107
HORIZONTAL SPREAD	:	1.584	1.584	1.584
VERTICAL SPREAD	:	1.958	1.958	1.873
EXTREME SPREAD	:	2.316	2.034	2.034
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.632	.620	.619
MINIMUM X	:	-.374	-.386	-.308
MAXIMUM Y	:	.913	.695	.772
MINIMUM Y	:	-1.964	-.679	-.592
CENTROID X	:	-.126	-.114	-.192
CENTROID Y	:	-.391	-.173	-.260
POA TO CENTROID in.	:	.411	.208	.323
MIN RADIUS	:	.151	.362	.267
MEAN RADIUS	:	.731	.598	.529
MAX RADIUS	:	1.966	.932	.790
HORIZONTAL SPREAD	:	1.006	1.006	.927
VERTICAL SPREAD	:	2.877	1.374	1.364
EXTREME SPREAD	:	2.969	1.698	1.403
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.933	.928	.878
MINIMUM X	:	-.684	-.689	-.739
MAXIMUM Y	:	1.070	.894	.727
MINIMUM Y	:	-1.588	-1.118	-1.006
CENTROID X	:	.289	.294	.344
CENTROID Y	:	-.211	-.035	-.147
POA TO CENTROID in.	:	.358	.296	.374
MIN RADIUS	:	.613	.504	.601
MEAN RADIUS	:	.954	.858	.848
MAX RADIUS	:	1.588	1.230	1.108
HORIZONTAL SPREAD	:	1.617	1.617	1.617
VERTICAL SPREAD	:	2.658	2.012	1.733
EXTREME SPREAD	:	2.681	2.211	1.953
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.106	1.044	1.011
MINIMUM X	:	-.556	-.537	-.570
MAXIMUM Y	:	1.135	.964	.839
MINIMUM Y	:	-1.540	-1.027	-.906
CENTROID X	:	.114	.176	.209
CENTROID Y	:	.054	.225	.104
POA TO CENTROID in.	:	.126	.285	.234
MIN RADIUS	:	.265	.101	.226
MEAN RADIUS	:	.829	.709	.685
MAX RADIUS	:	1.637	1.046	1.027
HORIZONTAL SPREAD	:	1.662	1.581	1.581
VERTICAL SPREAD	:	2.675	1.991	1.745
EXTREME SPREAD	:	2.698	2.022	1.758
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	