C652708

MODEL 700 TH M24

Model SWS TH

Action

Barrel Length

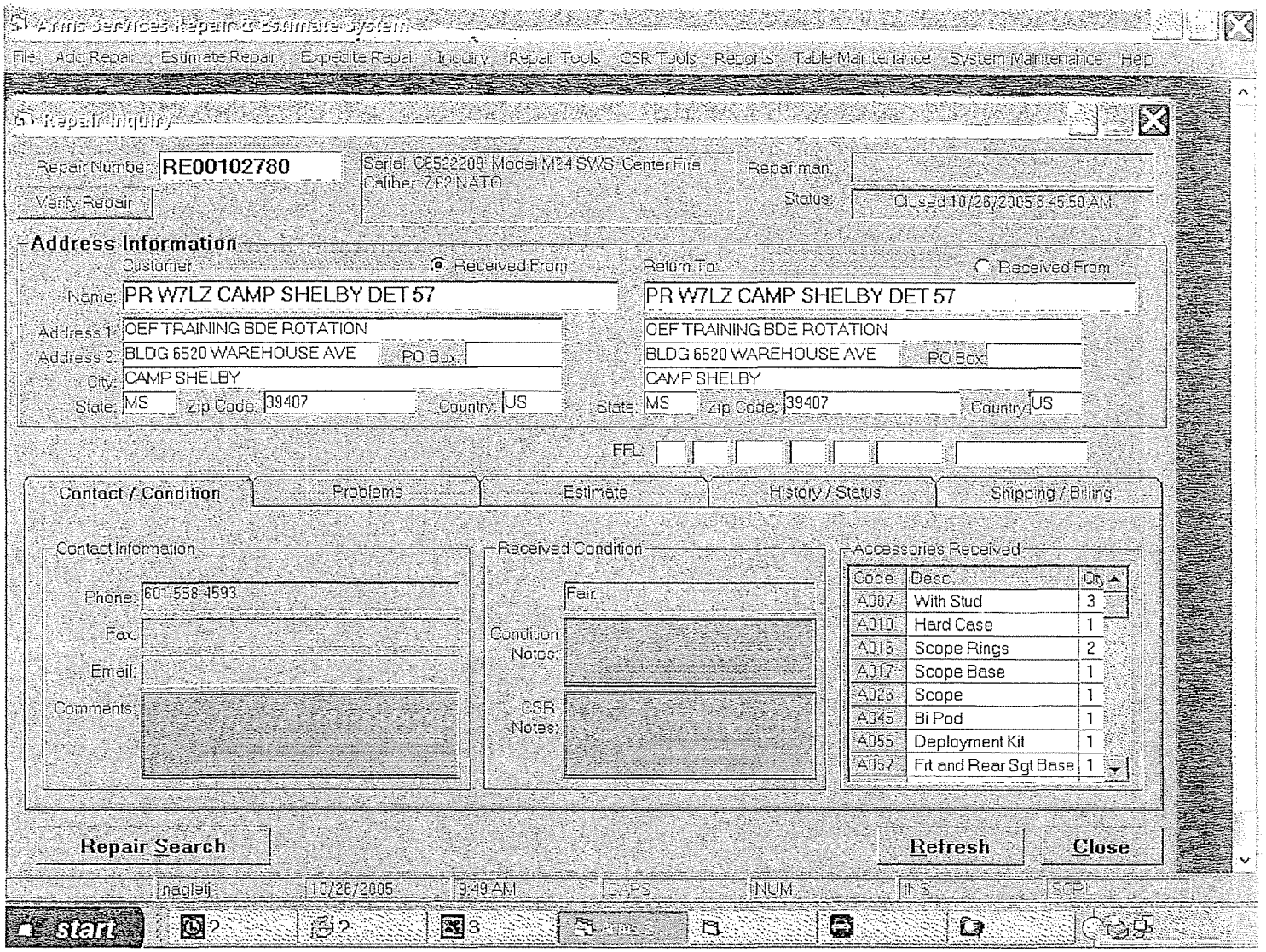
Capacity

Order No. 576

*Includes 1 in chamber.

Remington

Final



Serial Number: C6522209

Model: M24 SWS

RE00102780

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522209.__0
FILE DATE AND TIME: 11/29/2005 23:15

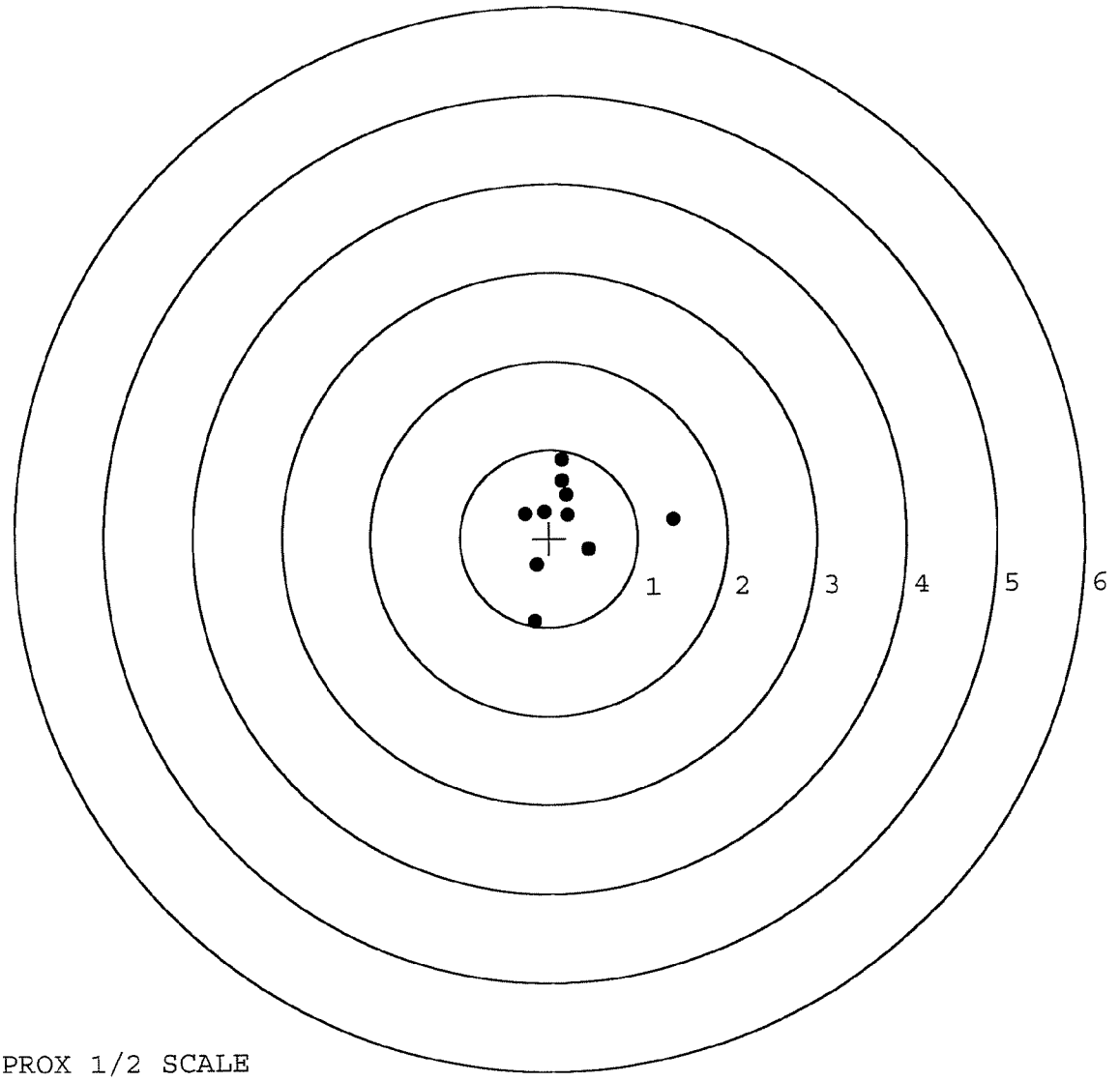
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.062
The Average Y Centroid of the Five Target Set:	0.054
The Average Point of Impact of the Five Target Set:	0.082
The Average Mean Radius of the Five Target Set:	0.538
The Distance from POA to Centroid Target #1:	0.255
The Distance from Centroid Target #2 to Centroid Target #1:	0.330
The Distance from Centroid Target #3 to Centroid Target #1:	0.173
The Distance from Centroid Target #4 to Centroid Target #1:	0.279
The Distance from Centroid Target #5 to Centroid Target #1:	0.128

SERIAL NUMBER: C6522209.__0
TARGET NUMBER: 1
FILE DATE: 11/29/2005
FILE TIME: 23:15

X CENTROID:	0.190
Y CENTROID:	0.170
POA TO CENTROID:	0.255
HORZ SPREAD:	1.666
VERT SPREAD:	1.828
GROUP SPREAD:	1.938
MIN RADIUS:	0.096
MAX RADIUS:	1.206
MEAN RADIUS:	0.571
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.143	-0.305
2:	-0.173	-0.937
3:	1.395	0.202
4:	-0.271	0.276
5:	-0.058	0.296
6:	0.441	-0.127
7:	0.208	0.265
8:	0.200	0.491
9:	0.149	0.651
10:	0.149	0.891

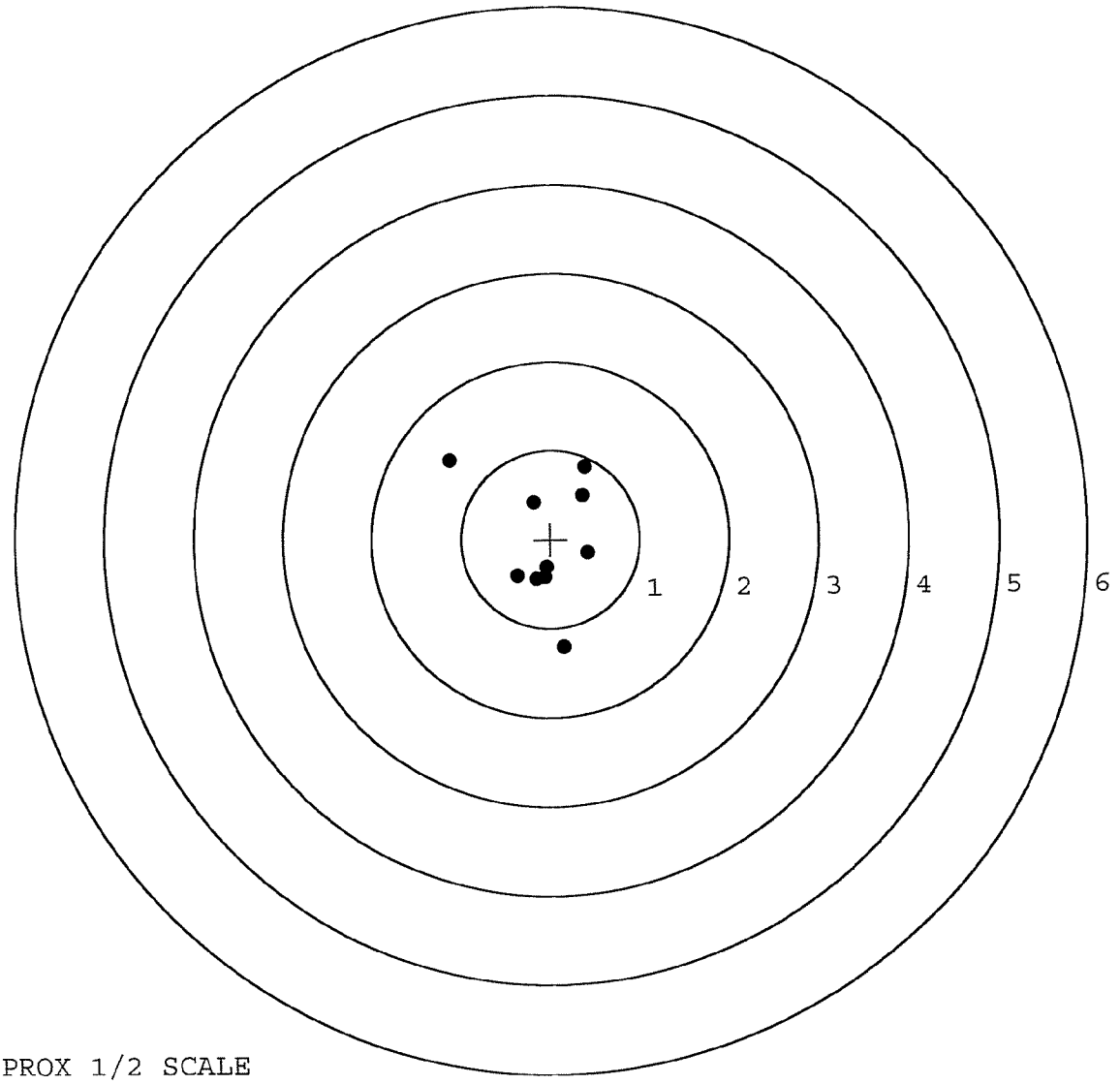


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522209.__0
TARGET NUMBER: 2
FILE DATE: 11/29/2005
FILE TIME: 23:15

X CENTROID:	-0.066
Y CENTROID:	-0.038
POA TO CENTROID:	0.076
HORZ SPREAD:	1.537
VERT SPREAD:	2.112
GROUP SPREAD:	2.463
MIN RADIUS:	0.282
MAX RADIUS:	1.408
MEAN RADIUS:	0.679
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.188	0.417
2:	0.360	0.488
3:	0.391	0.807
4:	-1.123	0.892
5:	0.144	-1.220
6:	-0.375	-0.407
7:	-0.163	-0.447
8:	-0.072	-0.432
9:	-0.048	-0.320
10:	0.414	-0.160

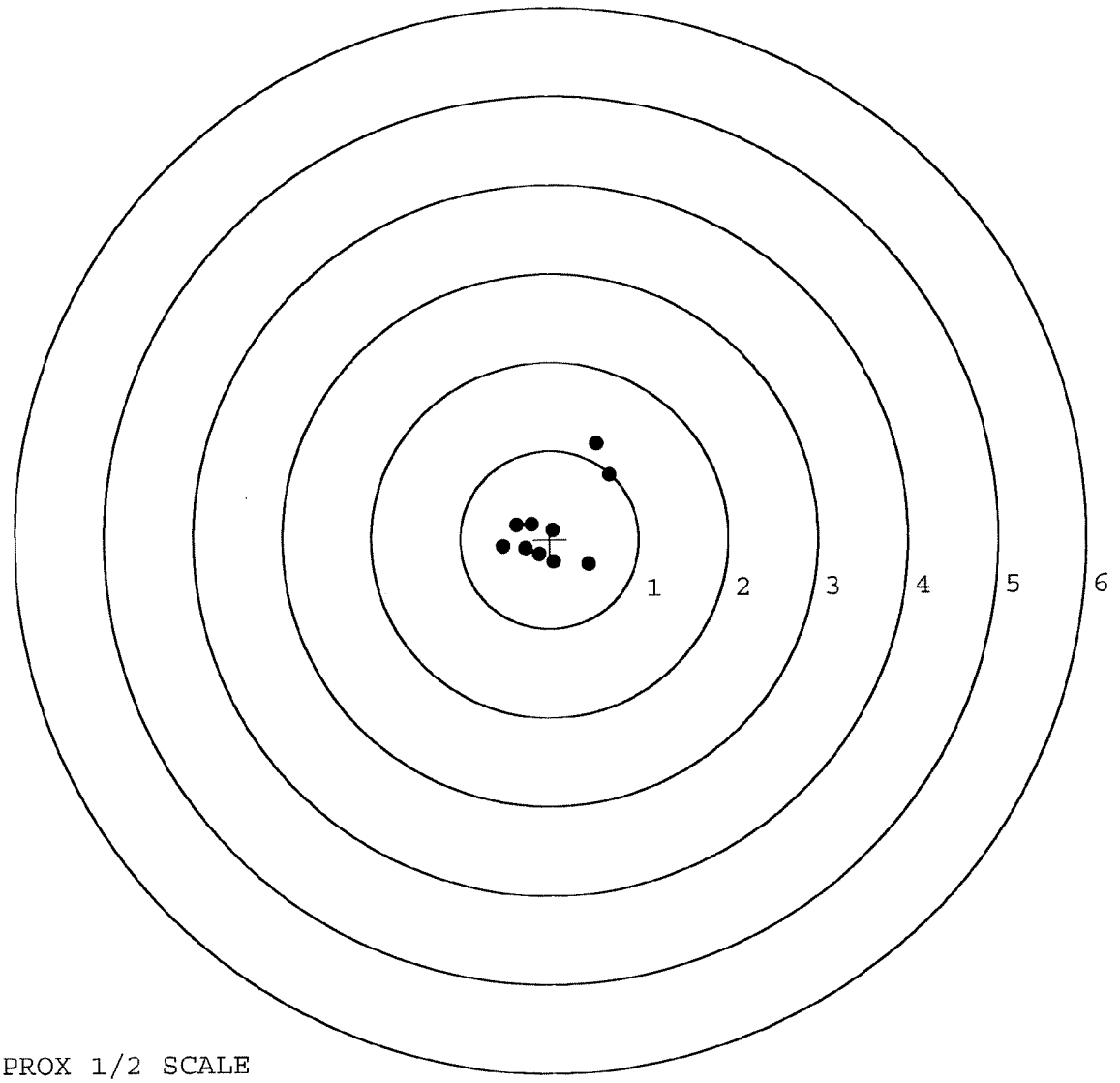


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522209.__0
TARGET NUMBER: 3
FILE DATE: 11/29/2005
FILE TIME: 23:15

X CENTROID:	0.020
Y CENTROID:	0.135
POA TO CENTROID:	0.136
HORZ SPREAD:	1.198
VERT SPREAD:	1.364
GROUP SPREAD:	1.566
MIN RADIUS:	0.038
MAX RADIUS:	1.073
MEAN RADIUS:	0.490
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.529	1.079
2:	0.671	0.720
3:	-0.376	0.165
4:	-0.527	-0.077
5:	-0.277	-0.105
6:	-0.213	0.172
7:	-0.123	-0.169
8:	0.038	0.101
9:	0.040	-0.254
10:	0.437	-0.285

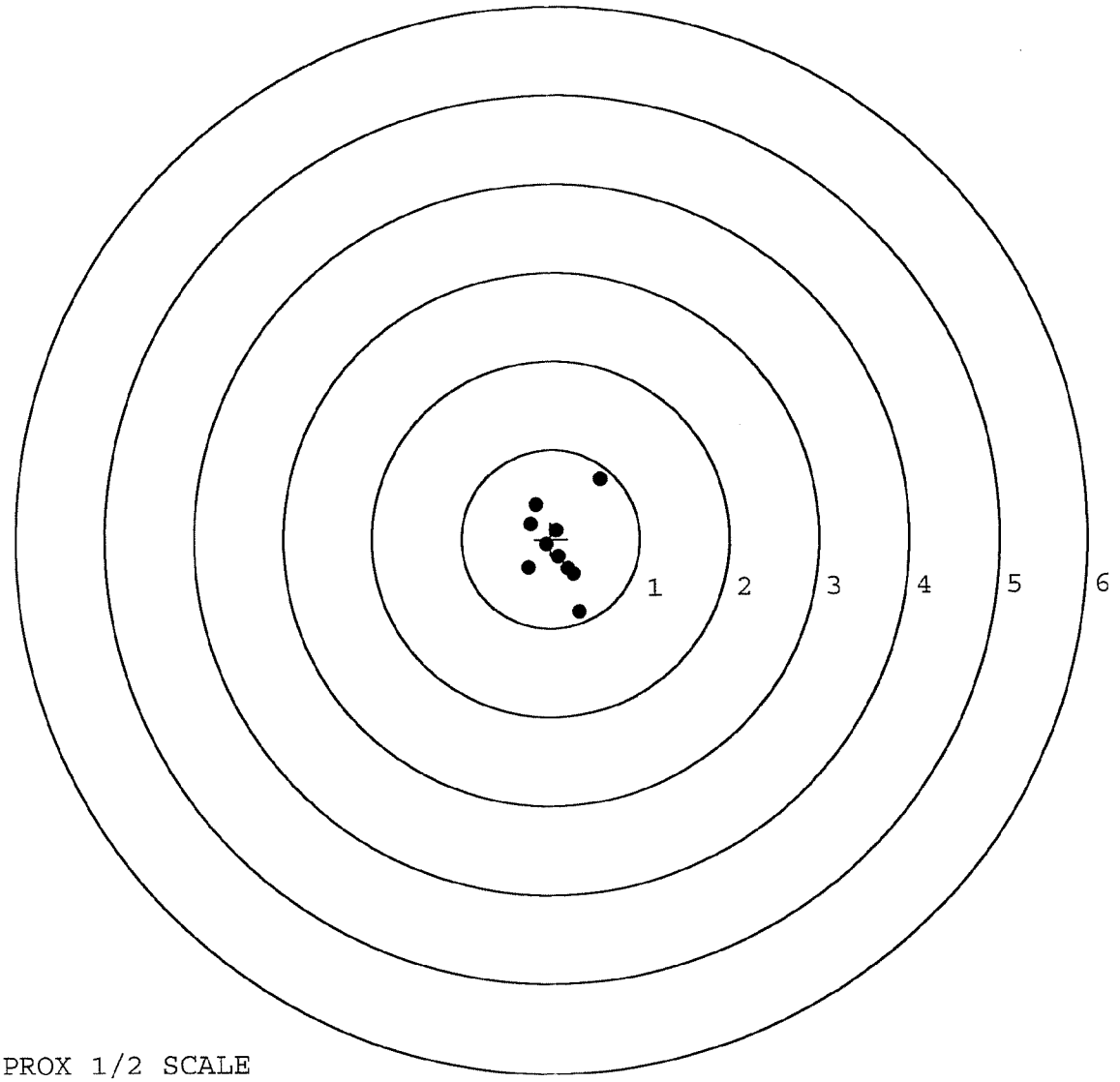


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522209.__0
TARGET NUMBER: 4
FILE DATE: 11/29/2005
FILE TIME: 23:15

X CENTROID:	0.075
Y CENTROID:	-0.084
POA TO CENTROID:	0.112
HORZ SPREAD:	0.812
VERT SPREAD:	1.489
GROUP SPREAD:	1.508
MIN RADIUS:	0.123
MAX RADIUS:	0.892
MEAN RADIUS:	0.409
# IN 1 IN DIAMETER:	7
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.556	0.667
2:	-0.173	0.389
3:	-0.227	0.168
4:	0.061	0.097
5:	-0.060	-0.066
6:	-0.256	-0.325
7:	0.086	-0.206
8:	0.251	-0.399
9:	0.317	-0.822
10:	0.190	-0.339

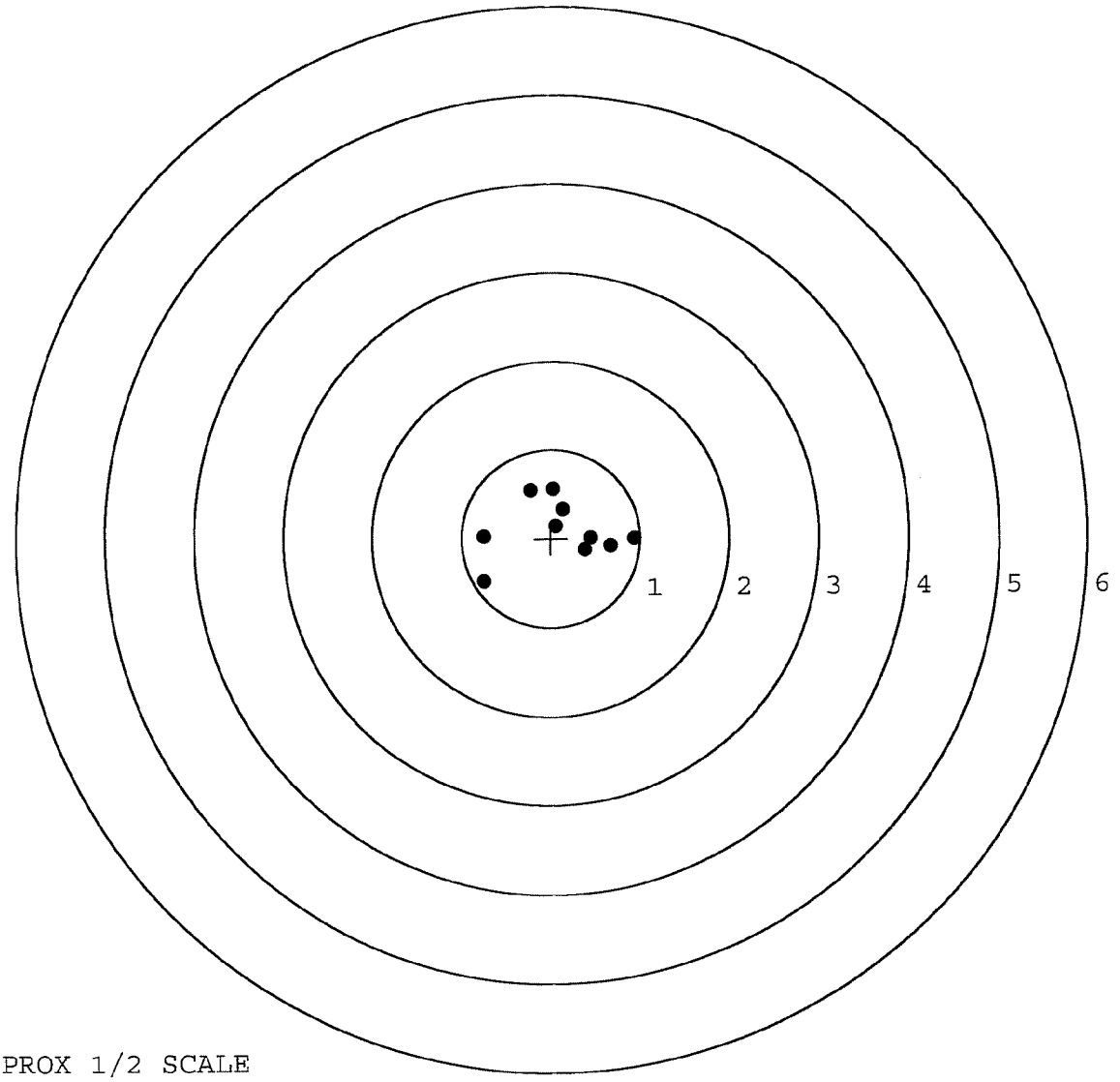


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522209.__0
TARGET NUMBER: 5
FILE DATE: 11/29/2005
FILE TIME: 23:15

X CENTROID:	0.094
Y CENTROID:	0.086
POA TO CENTROID:	0.127
HORZ SPREAD:	1.691
VERT SPREAD:	1.038
GROUP SPREAD:	1.756
MIN RADIUS:	0.061
MAX RADIUS:	1.018
MEAN RADIUS:	0.539
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.059	0.136
2:	0.134	0.322
3:	-0.749	0.024
4:	-0.751	-0.482
5:	-0.231	0.544
6:	0.030	0.556
7:	0.381	-0.137
8:	0.451	-0.006
9:	0.673	-0.093
10:	0.940	-0.007



TARGET APPROX 1/2 SCALE

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

		Camp Shelby		
R & E NUMBER	102780			
SERIAL NUMBER	C6527209			
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	11-15-05	CD
605	CHECK HEADSPACE	INSPECTED	11-15-05	CD
610	DIS-ASSEMBLE GUN	NOV 18 2005	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	UB
620	APPLY COATINGS		11/22/05	RB
625	FINAL ASSEMBLY		11-29-05	RTR
640	FUNCTION TEST AND	PASS FAIL	11/29/05	[illegible]
650	TARGET	PASS FAIL	11-30-05	AC
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	NA	
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION			
	A) HEADSPACE	PASS FAIL	11-30-05	AC
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.60 2.77 2.17 2.27 2.89		AC
680	F) SAFETY ON FORCE (2 LBS MIN 10 LBS)	7 lbs 7 lbs 7 lbs		AC
	G) SAFETY OFF FORCE (2 LBS MAX)	3 lbs 3 lbs 3 lbs		AC
	I) FIRING PIN INDENT (.020)	.023 .023 .023		AC
690	PACK		12-1-05	RA

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 11-03-05

TESTER S.F.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET - 2.50 LBS		COMMENTS
PULL #1	2.61	2.51		2.59	
PULL #2	2.75	2.56		2.58	
PULL #3	2.74	2.51		2.63	
PULL #4	2.49	2.23		2.64	
PULL #5	2.57	2.54		2.66	
TOTAL	13.16	12.35		13.10	
AVERAGE	2.63	2.47		2.62	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	2.87	3.07		
PULL #2	2.93	3.03		
PULL #3	2.86	3.02		
PULL #4	2.93	3.05		
PULL #5	3.02	2.93		
TOTAL	14.61	15.10		
AVERAGE	2.92	3.02		

	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	3.93	3.89		4.05
PULL #2	4.01	3.98		4.08
PULL #3	3.99	4.00		4.07
PULL #4	3.98	4.05		4.02
PULL #5	4.04	3.96		3.99
TOTAL	19.95	19.88		20.21
AVERAGE	3.99	3.98		4.04

Remington®

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

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

MODEL 700™ M24

SERIAL NO.
C6522209

ORDER NO.
5716

01

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

5716 C6522209

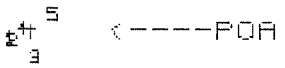
UPC

0 47700 25716 7

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522209
10 Sep 1990

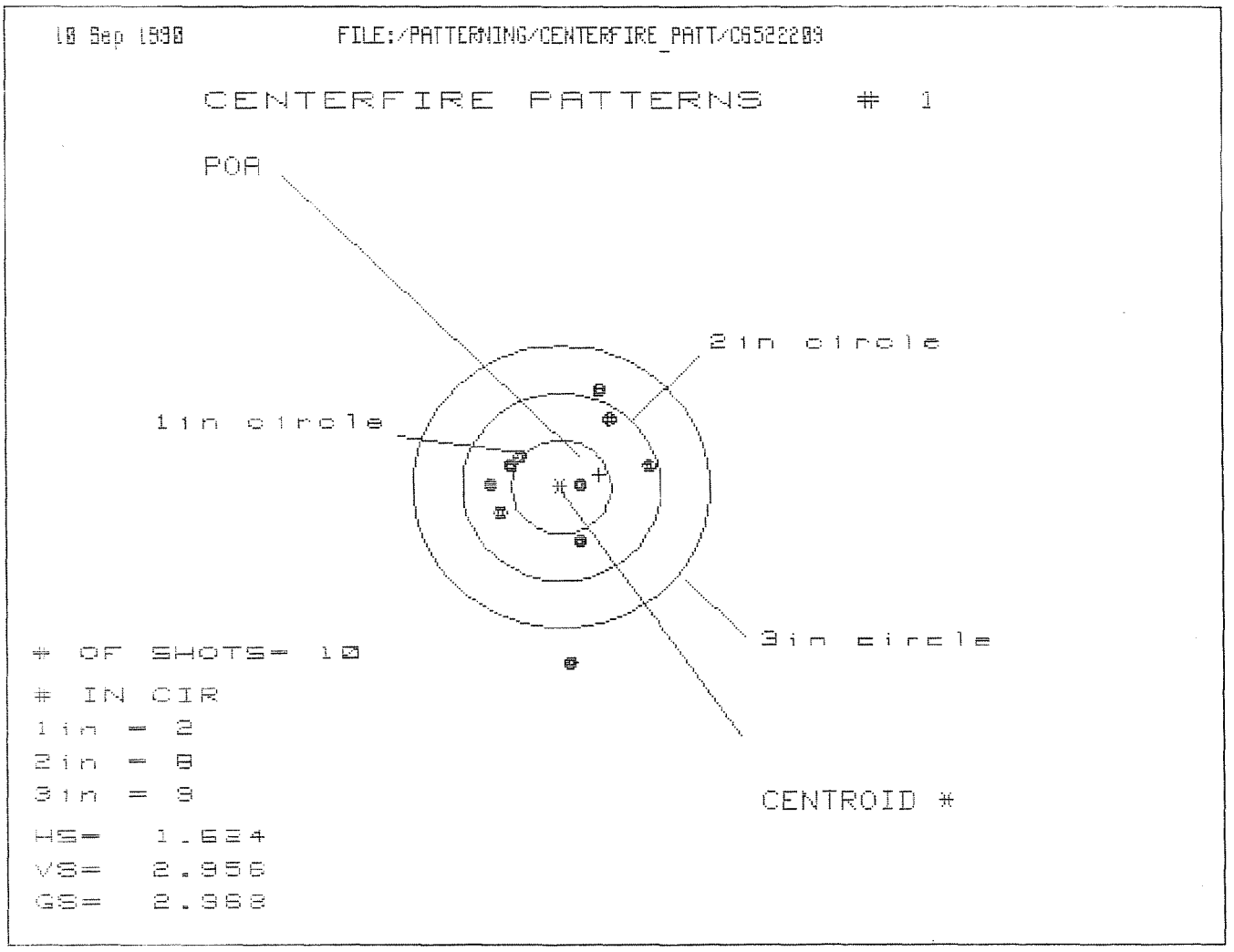
CENTROIDAL DISTANCES

0	TO	1	.40572
1	TO	2	.0751665
1	TO	3	.606931
1	TO	4	.310098
1	TO	5	.915658

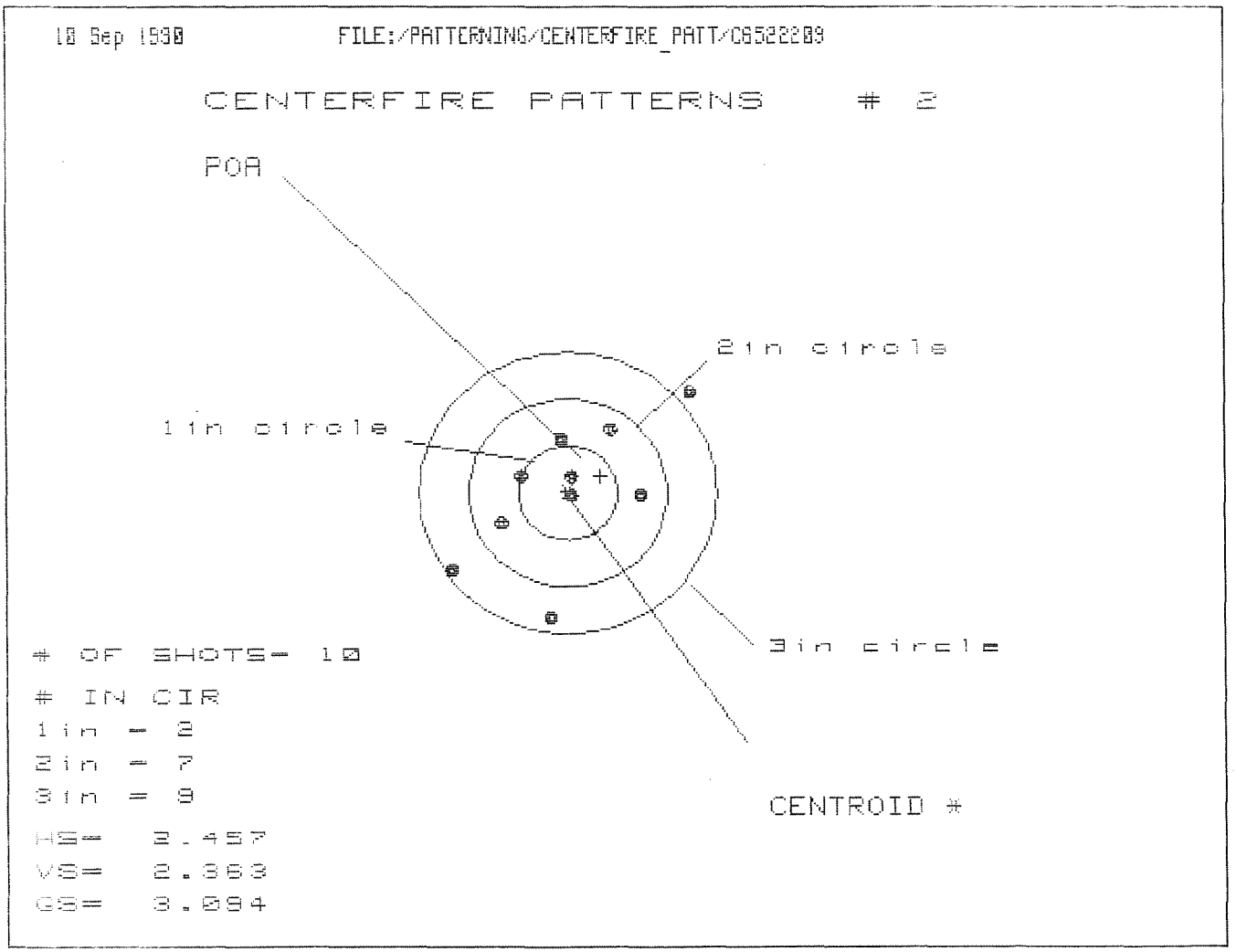


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0618
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0882
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .107696

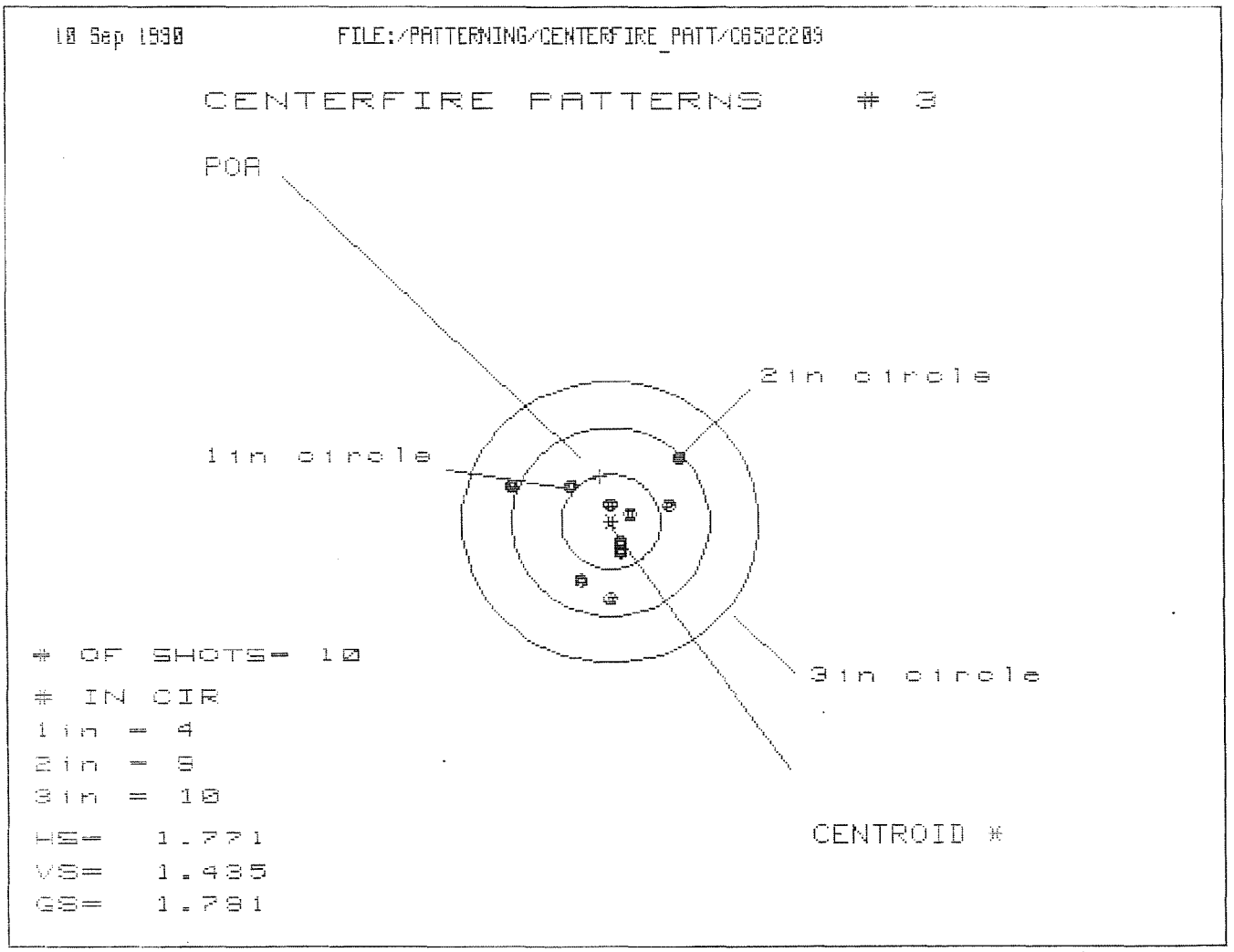
THE AMR FOR THIS RIFLE IS: .8032



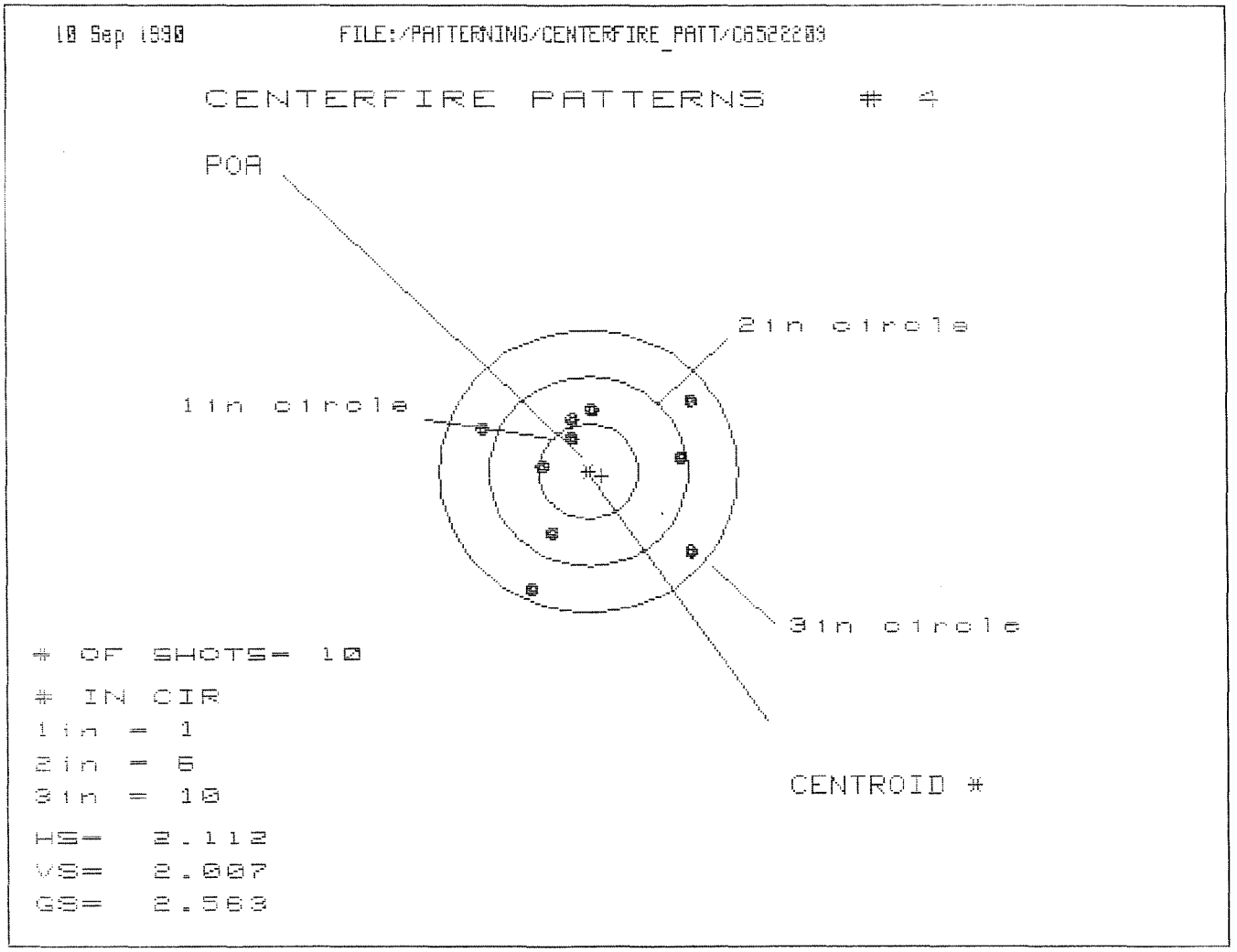
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.888	.901	.950
MINIMUM X	:	-.736	-.723	-.674
MAXIMUM Y	:	1.070	.860	.637
MINIMUM Y	:	-1.886	-.734	-.626
CENTROID X	:	-.385	-.398	-.447
CENTROID Y	:	-.128	.082	-.026
POA TO CENTROID in.	:	.406	.406	.448
MIN RADIUS	:	.238	.296	.301
MEAN RADIUS	:	.811	.671	.623
MAX RADIUS	:	1.890	.946	.958
HORIZONTAL SPREAD	:	1.624	1.624	1.624
VERTICAL SPREAD	:	2.956	1.594	1.263
EXTREME SPREAD	:	2.968	1.674	1.633
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	



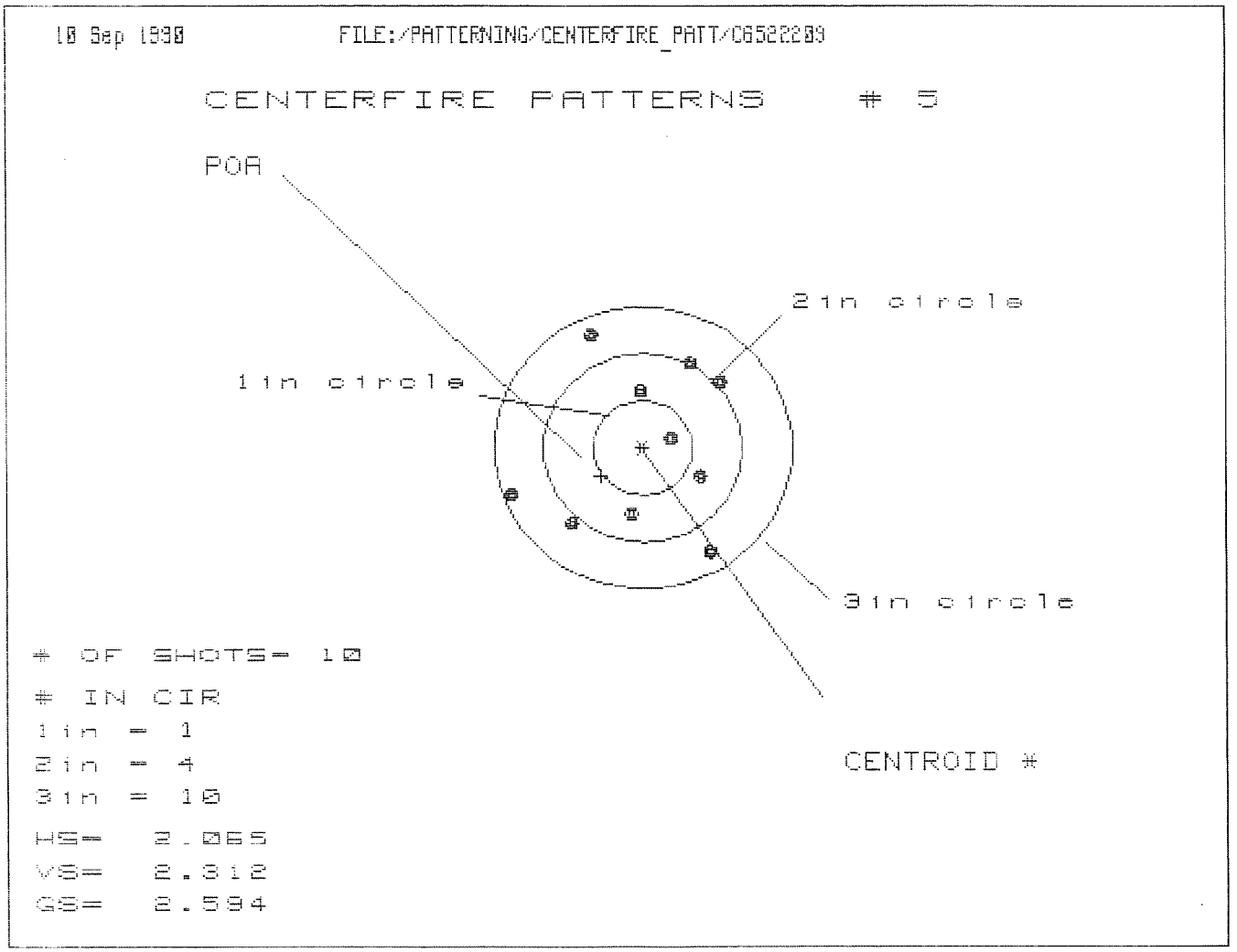
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.261	.869	.737
MINIMUM X	:	-1.196	-1.056	-.631
MAXIMUM Y	:	1.041	.829	.739
MINIMUM Y	:	-1.322	-1.207	-1.297
CENTROID X	:	-.328	-.468	-.336
CENTROID Y	:	-.177	-.292	-.202
POA TO CENTROID in.	:	.372	.552	.392
MIN RADIUS	:	.091	.223	.087
MEAN RADIUS	:	.810	.735	.629
MAX RADIUS	:	1.635	1.281	1.304
HORIZONTAL SPREAD	:	2.457	1.925	1.368
VERTICAL SPREAD	:	2.363	2.036	2.036
EXTREME SPREAD	:	3.094	2.283	2.128
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.730	.615	.511
MINIMUM X	:	-1.040	-.499	-.422
MAXIMUM Y	:	.667	.712	.496
MINIMUM Y	:	-.768	-.723	-.634
CENTROID X	:	.108	.224	.147
CENTROID Y	:	-.482	-.527	-.616
POA TO CENTROID in.	:	.494	.572	.633
MIN RADIUS	:	.183	.141	.103
MEAN RADIUS	:	.563	.483	.421
MAX RADIUS	:	1.115	.940	.651
HORIZONTAL SPREAD	:	1.771	1.114	.933
VERTICAL SPREAD	:	1.435	1.435	1.130
EXTREME SPREAD	:	1.791	1.614	1.195
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.049	.988	1.103
MINIMUM X	:	-1.063	-1.124	-1.009
MAXIMUM Y	:	.716	.572	.443
MINIMUM Y	:	-1.292	-1.035	-.967
CENTROID X	:	-.129	-.068	-.183
CENTROID Y	:	.047	.191	.320
POA TO CENTROID in.	:	.137	.203	.369
MIN RADIUS	:	.403	.338	.173
MEAN RADIUS	:	.900	.821	.697
MAX RADIUS	:	1.402	1.384	1.189
HORIZONTAL SPREAD	:	2.112	2.112	2.112
VERTICAL SPREAD	:	2.007	1.607	1.410
EXTREME SPREAD	:	2.563	2.443	2.129
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.739	.592	.656
MINIMUM X	:	-1.326	-.846	-.781
MAXIMUM Y	:	1.167	1.109	.959
MINIMUM Y	:	-1.145	-1.203	-1.018
CENTROID X	:	.425	.572	.507
CENTROID Y	:	.299	.357	.507
POA TO CENTROID in.	:	.520	.675	.718
MIN RADIUS	:	.300	.144	.199
MEAN RADIUS	:	.932	.846	.778
MAX RADIUS	:	1.423	1.310	1.284
HORIZONTAL SPREAD	:	2.065	1.438	1.438
VERTICAL SPREAD	:	2.312	2.312	1.977
EXTREME SPREAD	:	2.594	2.594	2.084
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

SWS TRIGGER PULL TEST

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

SERIAL NO. C6527709
DATE 9/6/90
TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.37	2.34	2.35	2.28	MIN. SETTING,
PULL #2	2.38	2.26	2.55	2.28	NO AVG. OF 5
PULL #3	2.51	2.33	2.57	2.18	READINGS ACCEPT-
PULL #4	2.53	2.32	2.52	2.20	ABLE LESS THAN 2#
PULL #5	2.32	2.44	2.40	2.29	
TOTAL	12.11	11.69	12.39	11.23	
AVG.	2.42	2.34	2.48	2.24	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.21	3.12		
PULL #2	3.14	3.12		
PULL #3	3.05	3.22		
PULL #4	3.18	3.17		
PULL #5	3.22	3.17		
TOTAL	15.80	15.80		
AVG.	3.16	3.16		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	4.05		4.12
PULL #2	4.10	4.14		4.10
PULL #3	4.22	4.15		4.21
PULL #4	4.05	4.16		4.01
PULL #5	4.19	4.14		4.00
TOTAL	20.73	20.64		20.44
AVG.	4.14	4.13		4.09

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6522209

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		8/1/90	KS
600	Proof		8/1/90	KS
607	Check Headspace		8/1/90	KS
610	Dis-assemble Gun		8/1/90	KS
612	Magnaflux Barrel Action		8/6/90	KR
	Magnaflux Bolt		8/6/90	KR
615	Rollmark Caliber		8/6/90	GS.
617	Drill and Tap Sight Holes		8/10/90	KB
618	Polish Barrel RB		8/14/90	WB
620	Apply Coatings (Barrel Action)		8/22/90	
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake		9/6/90	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4½	4½	4½			9/6/90	WB
	G) Safety Off Force	2¼	2¼	2¼			9/6/90	WB
	H) Trigger Pull Test & Retainability						9/6/90	WB
	I) Firing Pin Indent	.0235	.0235	.0235			9/6/90	WB
	J) Assemble Stock						9/7/90	KS
	K) Assemble Swivel Studs						9/11/90	KS
	L) Attach Front and Rear Sight Assemblies						9/7/90	KS
	M) Iron Sight Alignment						9/7/90	KS
	N) Detach Front & Rear Sights & place in numbered container						9/7/90	KS
	O) Attach Scope to Rifle						9/7/90	KS
	P) Detach & Attach Scope 20 Times						9/7/90	KS
640	Gallery Target & Test						9-10-90	DH
	A) Time						9-10-90	DH
	B) Malfunctions						9-10-90	DH
	C) Pierced Primers						9-10-90	DH
	D) Optical Clearity of Scope						9-10-90	DH
645	Inspect for Live Ammo						9-10-90	DH
655	Final Inspection A) Headspace						9/11/90	KS
	B) Trigger Pull	2.28	2.28	2.18	2.20	2.29	9/10/90	WB
	C) Function						9/11/90	KS
660	Pack						9/19/90	KS