C6587564

MODEL 700™ M24

Model 5465 ™

Action

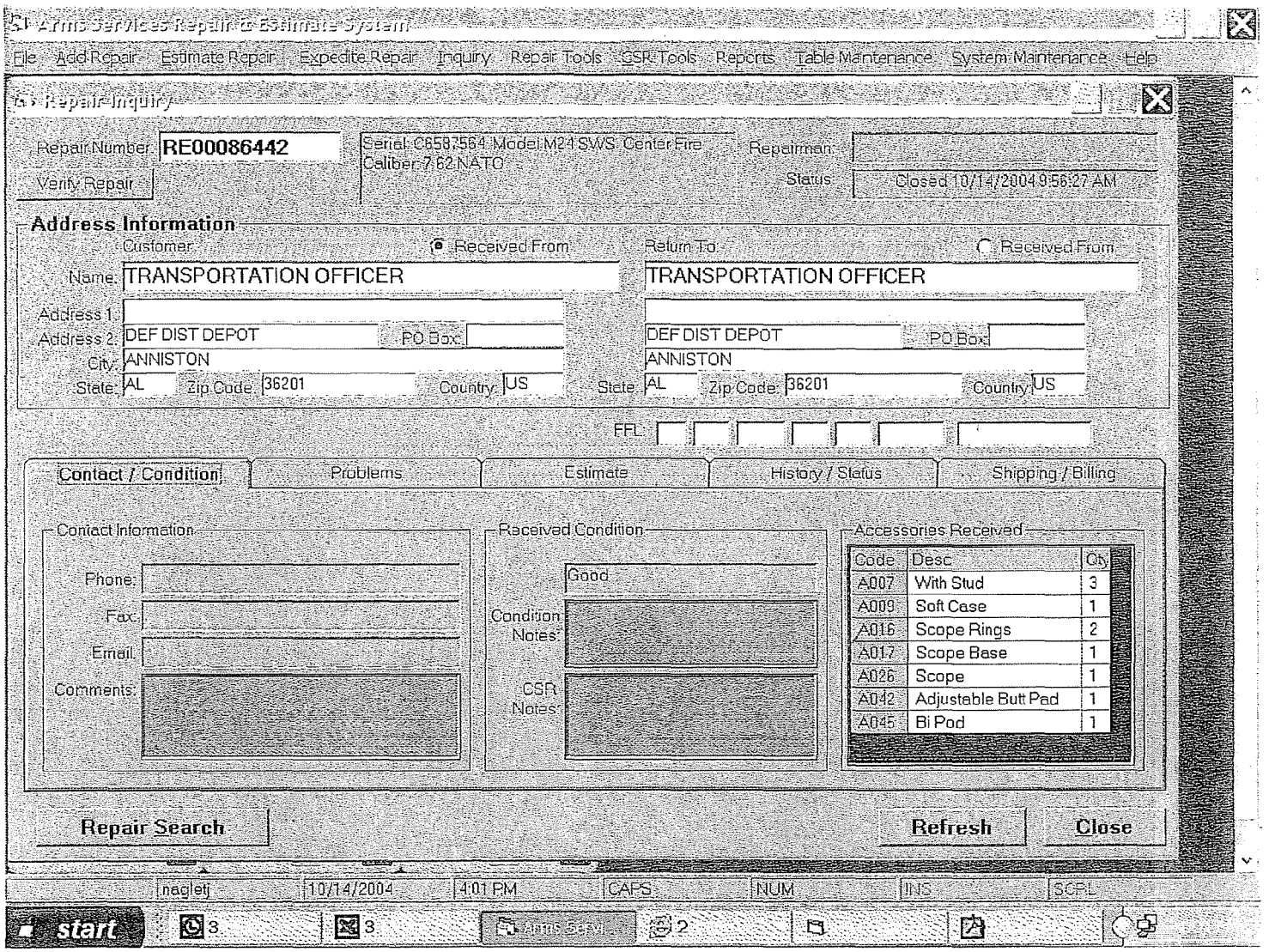
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®


Arms Services Repair & Estimate System
File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools GSR Tools Reports Table Maintenance System Maintenance Help
Repair Inquiry
Repair Number RE00086442
Verify Repair
Serial C6587564 Model M24 SWS Center Fire Caliber 7.62 NATO
Repairman
Status Closed 10/14/2004 9:56:27 AM
Address Information
Customer
Received From
Name TRANSPORTATION OFFICER
Address 1
Address 2 DEF DIST DEPOT
PO Box
City ANNISTON
State AL Zip Code 36201 Country US
Return To
Received From
TRANSPORTATION OFFICER
DEF DIST DEPOT
PO Box
ANNISTON
State AL Zip Code 36201 Country US
FFL
Contact / Condition
Problems
Estimate
History / Status
Shipping / Billing
Contact Information
Phone
Fax
Email
Comments
Received Condition
Good
Condition Notes
CSR Notes
Accessories Received
Code Desc Qty
A007 With Stud 3
A009 Soft Case 1
A016 Scope Rings 2
A017 Scope Base 1
A026 Scope 1
A042 Adjustable Butt Pad 1
A045 Bi Pod 1
Repair Search
Refresh
Close
nagletj 10/14/2004 4:01 PM CAPS NUM INS SCRL
start


Serial Number: C6587564
Model: M24 SWS
RE00086442

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587564.__0
FILE DATE AND TIME: 11/05/2004 22:14

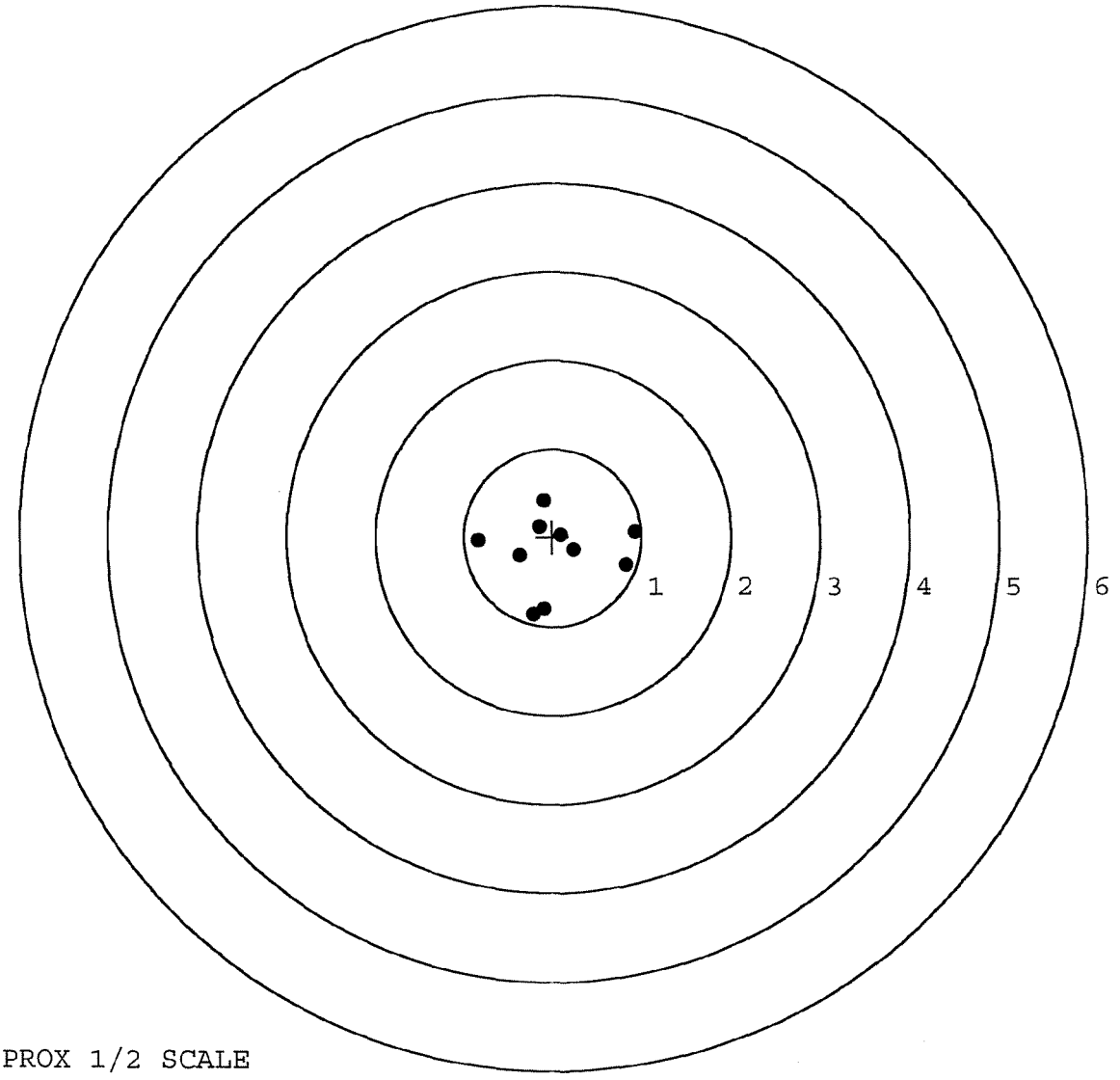
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.003
The Average Y Centroid of the Five Target Set:	-0.099
The Average Point of Impact of the Five Target Set:	0.099
The Average Mean Radius of the Five Target Set:	0.670
The Distance from POA to Centroid Target #1:	0.180
The Distance from Centroid Target #2 to Centroid Target #1:	0.137
The Distance from Centroid Target #3 to Centroid Target #1:	0.227
The Distance from Centroid Target #4 to Centroid Target #1:	0.202
The Distance from Centroid Target #5 to Centroid Target #1:	0.217

SERIAL NUMBER: C6587564.__0
TARGET NUMBER: 1
FILE DATE: 11/05/2004
FILE TIME: 22:14

X CENTROID:	0.032
Y CENTROID:	-0.177
POA TO CENTROID:	0.180
HORZ SPREAD:	1.766
VERT SPREAD:	1.275
GROUP SPREAD:	1.769
MIN RADIUS:	0.212
MAX RADIUS:	0.927
MEAN RADIUS:	0.578
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.831	-0.313
2:	0.927	0.065
3:	-0.096	-0.813
4:	-0.219	-0.867
5:	0.243	-0.141
6:	0.100	0.024
7:	-0.105	0.408
8:	-0.150	0.119
9:	-0.373	-0.208
10:	-0.839	-0.044

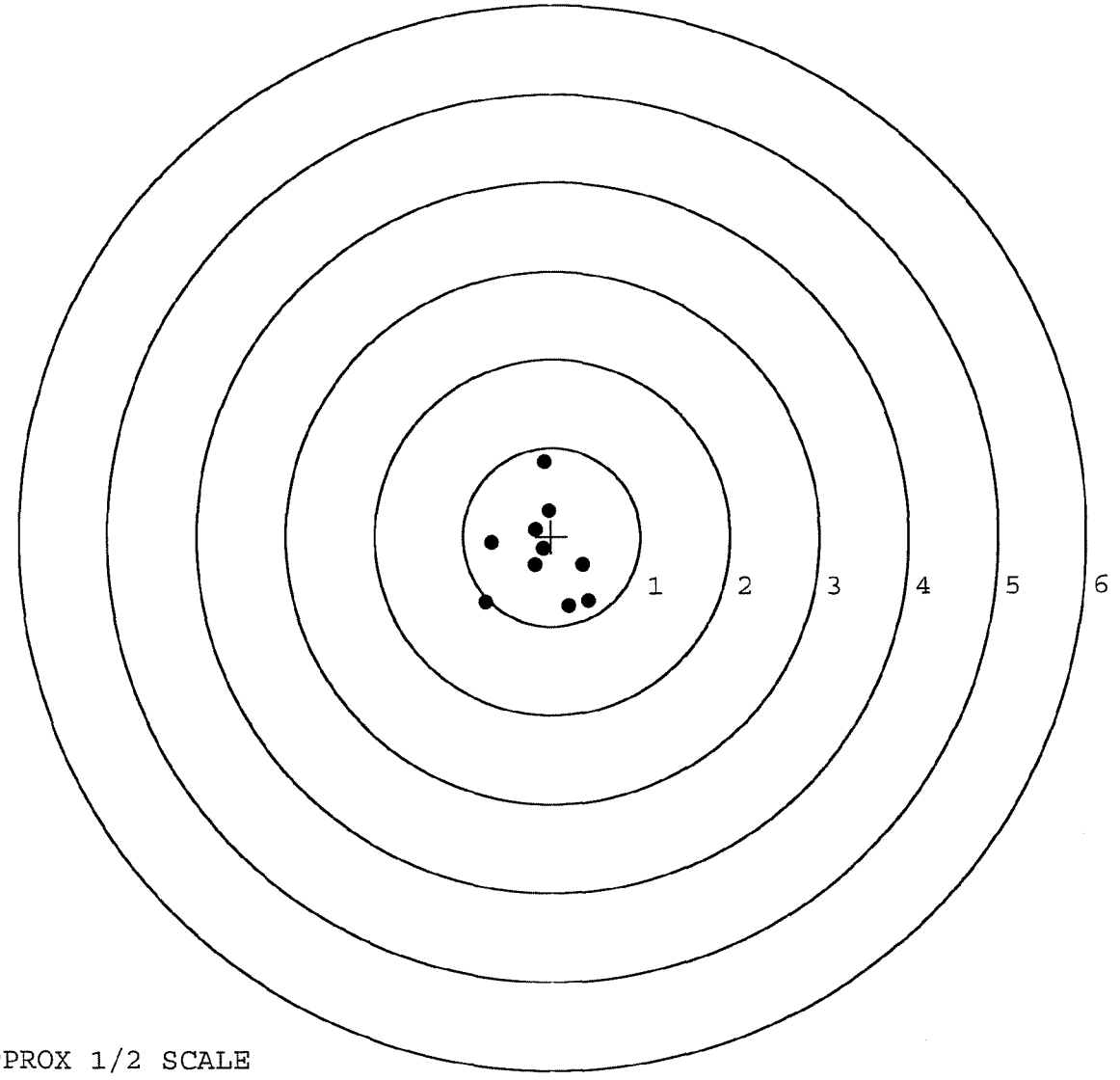


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587564.__0
TARGET NUMBER: 2
FILE DATE: 11/05/2004
FILE TIME: 22:14

X CENTROID:	-0.105
Y CENTROID:	-0.185
POA TO CENTROID:	0.213
HORZ SPREAD:	1.170
VERT SPREAD:	1.615
GROUP SPREAD:	1.705
MIN RADIUS:	0.051
MAX RADIUS:	1.024
MEAN RADIUS:	0.530
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.195	-0.777
2:	0.417	-0.717
3:	0.357	-0.311
4:	-0.753	-0.729
5:	-0.679	-0.072
6:	-0.188	-0.315
7:	-0.095	-0.135
8:	-0.182	0.075
9:	-0.039	0.290
10:	-0.082	0.838

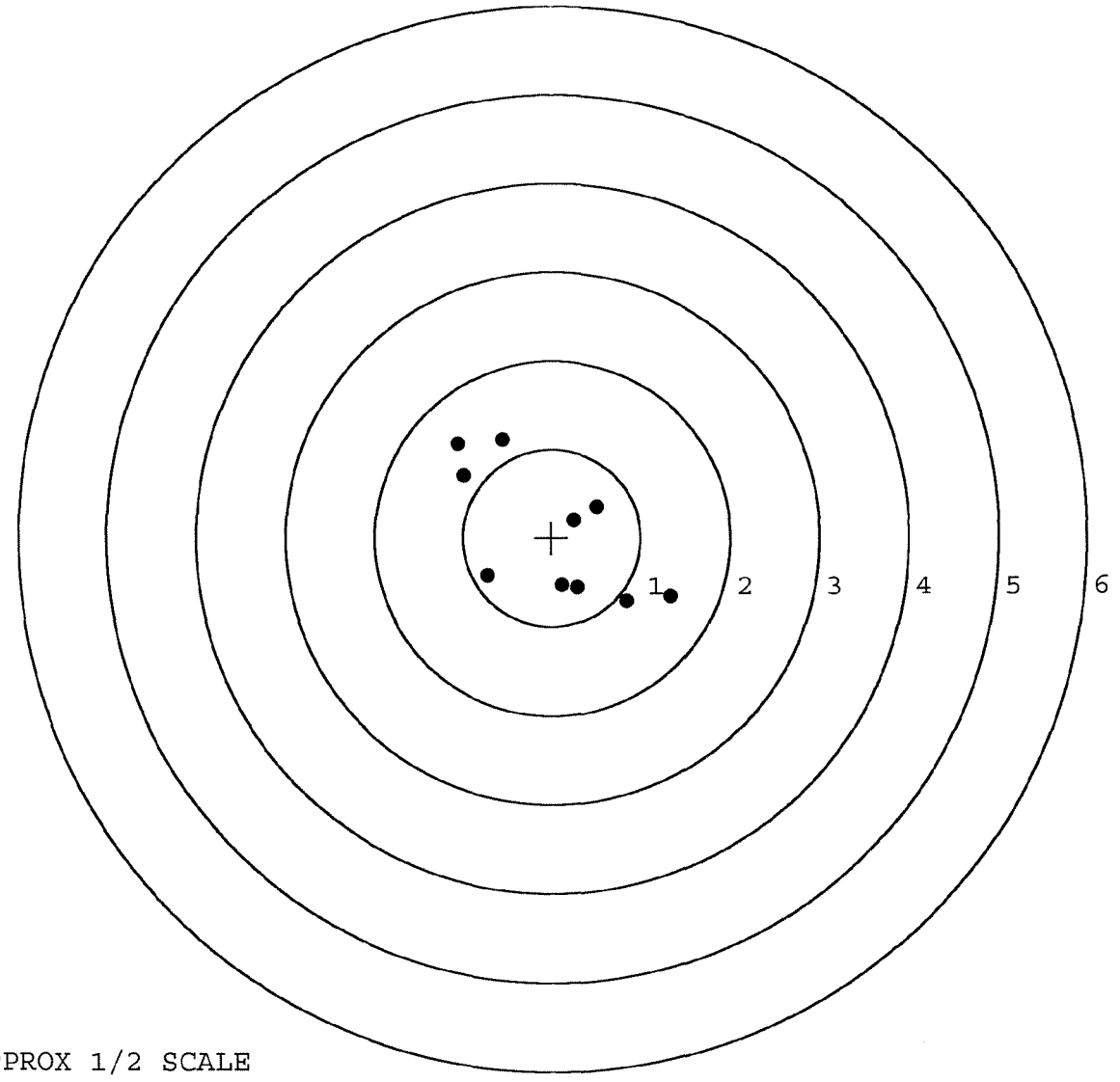


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587564.__0
TARGET NUMBER: 3
FILE DATE: 11/05/2004
FILE TIME: 22:14

X CENTROID:	0.003
Y CENTROID:	0.048
POA TO CENTROID:	0.048
HORZ SPREAD:	2.390
VERT SPREAD:	1.831
GROUP SPREAD:	2.949
MIN RADIUS:	0.292
MAX RADIUS:	1.509
MEAN RADIUS:	0.954
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.331	-0.667
2:	0.846	-0.724
3:	0.290	-0.570
4:	0.120	-0.542
5:	-0.723	-0.431
6:	0.254	0.197
7:	0.511	0.351
8:	-0.550	1.107
9:	-1.059	1.061
10:	-0.991	0.702

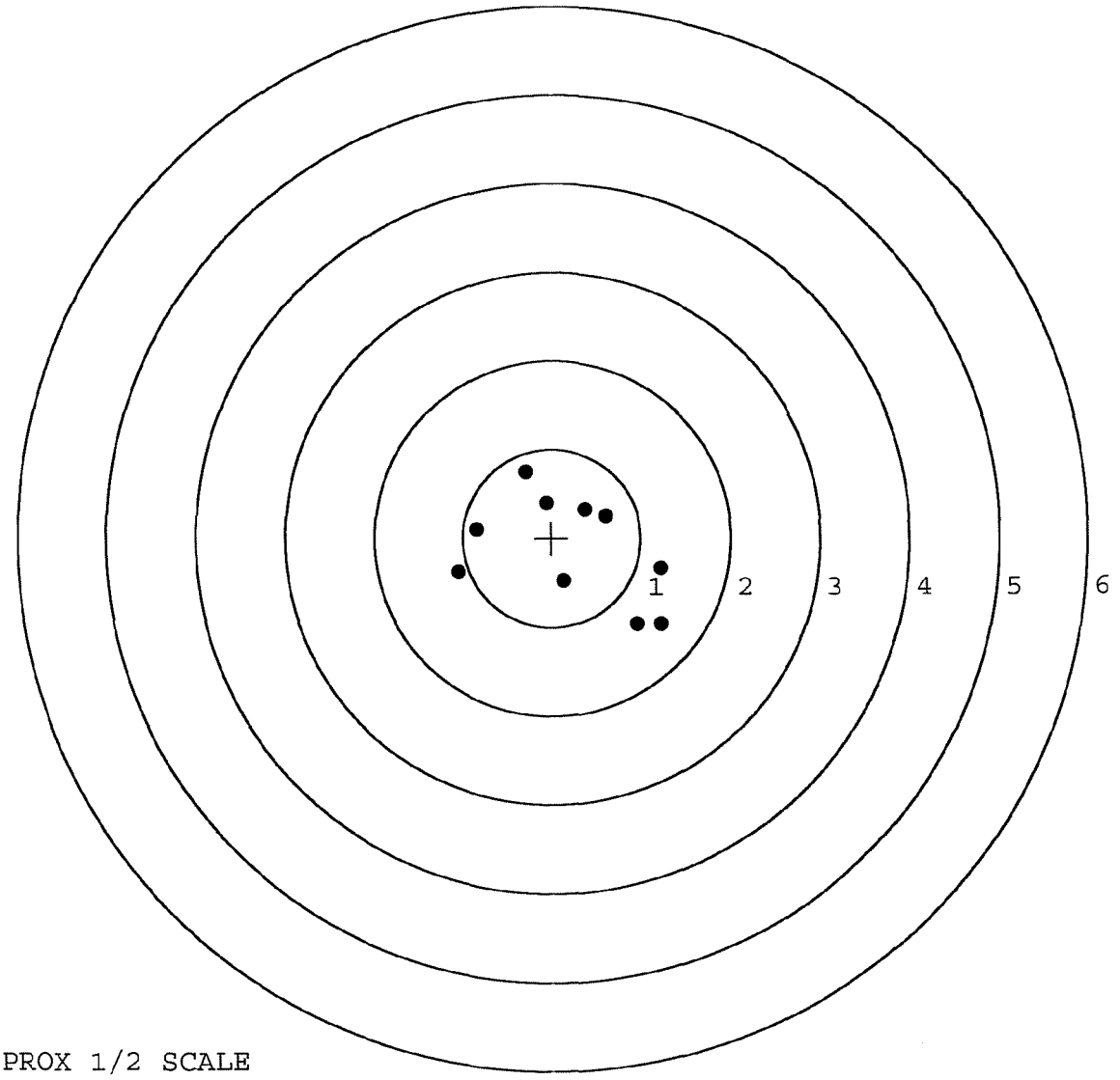


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587564.__0
TARGET NUMBER: 4
FILE DATE: 11/05/2004
FILE TIME: 22:14

X CENTROID:	0.229
Y CENTROID:	-0.134
POA TO CENTROID:	0.265
HORZ SPREAD:	2.279
VERT SPREAD:	1.719
GROUP SPREAD:	2.354
MIN RADIUS:	0.365
MAX RADIUS:	1.306
MEAN RADIUS:	0.883
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	4
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.230	-0.973
2:	0.962	-0.967
3:	1.222	-0.343
4:	0.134	-0.486
5:	0.609	0.247
6:	0.375	0.322
7:	-0.061	0.393
8:	-0.289	0.746
9:	-0.842	0.104
10:	-1.049	-0.383

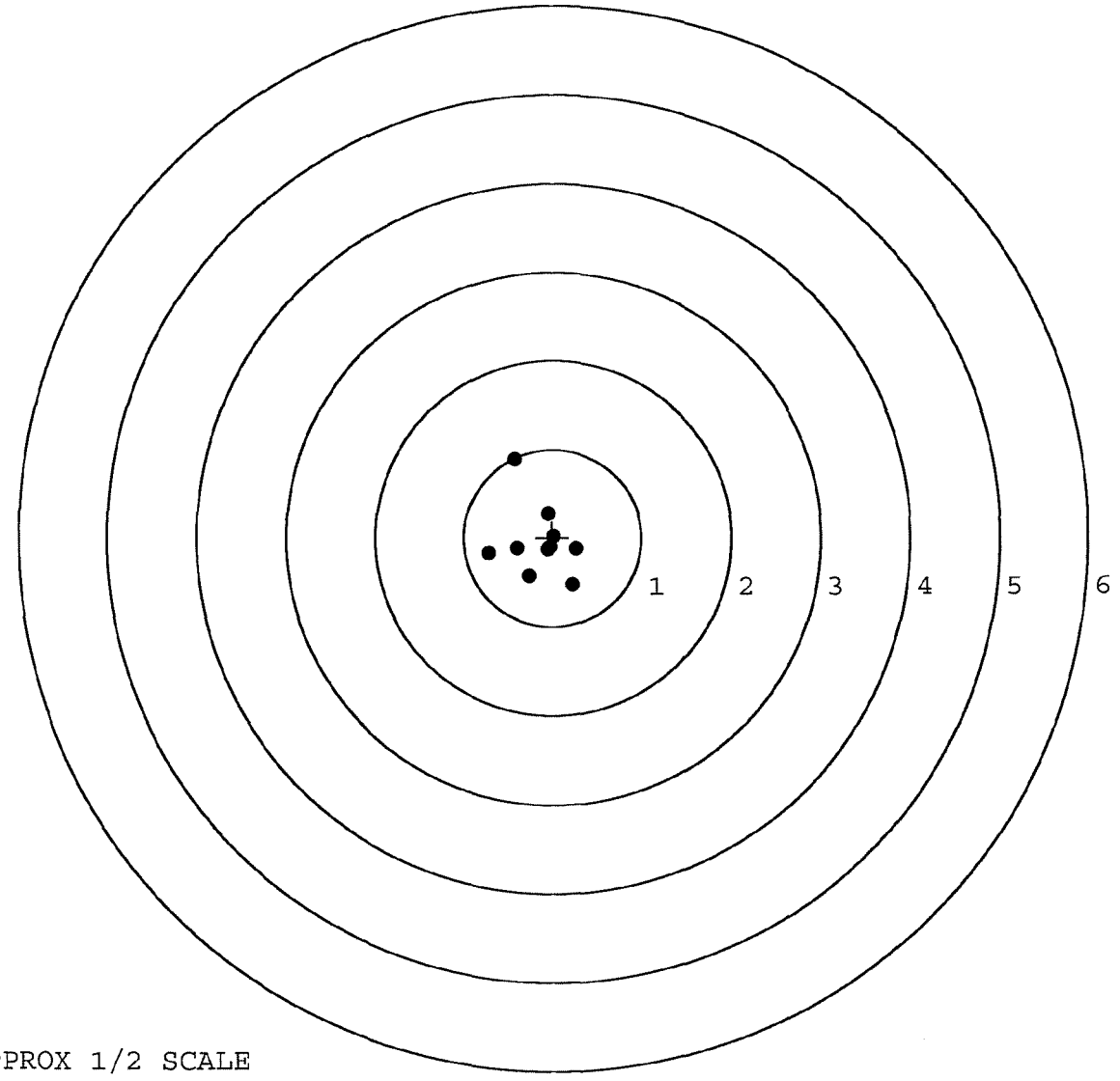


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587564.__0
TARGET NUMBER: 5
FILE DATE: 11/05/2004
FILE TIME: 22:14

X CENTROID:	-0.142
Y CENTROID:	-0.046
POA TO CENTROID:	0.149
HORZ SPREAD:	0.985
VERT SPREAD:	1.430
GROUP SPREAD:	1.574
MIN RADIUS:	0.124
MAX RADIUS:	0.982
MEAN RADIUS:	0.403
# IN 1 IN DIAMETER:	7
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.426	0.893
2:	-0.715	-0.176
3:	-0.261	-0.438
4:	0.231	-0.537
5:	0.270	-0.128
6:	-0.030	-0.108
7:	-0.398	-0.121
8:	-0.052	0.270
9:	0.016	0.014
10:	-0.054	-0.134



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 10-11-04

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.26	2.40		2.31	
PULL #2	2.31	2.41		2.31	
PULL #3	2.29	2.45		2.38	
PULL #4	2.39	2.38		2.43	
PULL #5	2.32	2.41		2.30	
TOTAL	11.57	12.05		11.73	
AVERAGE	2.31	2.41		2.34	

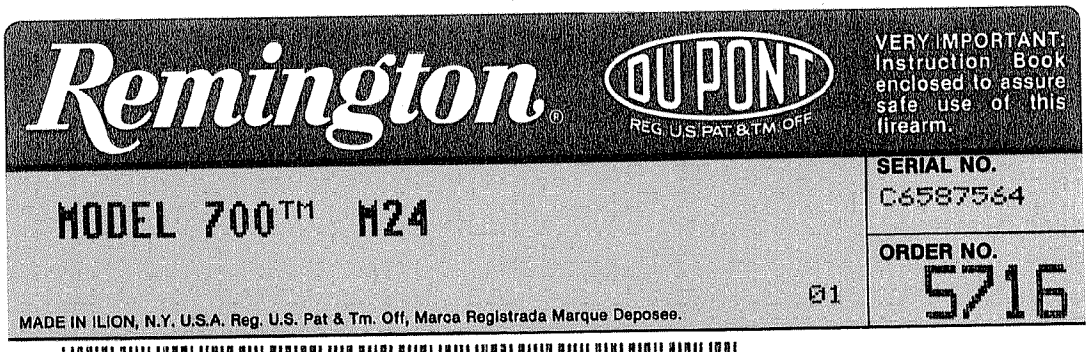
	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.46	3.23		
PULL #2	3.45	3.04		
PULL #3	3.43	3.26		
PULL #4	3.39	3.18		
PULL #5	3.38	3.24		
TOTAL	17.11	15.95		
AVERAGE	3.42	3.19		

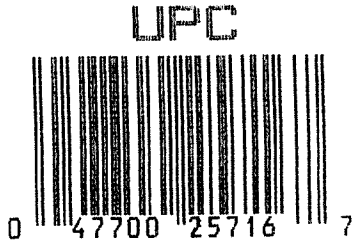
	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.36	4.13		4.34
PULL #2	4.20	3.85		4.21
PULL #3	4.05	3.97		4.15
PULL #4	4.16	4.48		4.27
PULL #5	4.19	4.11		4.40
TOTAL	20.96	20.54		21.37
AVERAGE	4.19	4.10		4.27

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	86442		
SERIAL NUMBER	C6587564		
LOG-IN DATE	10-14-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-15-04	RTL
560 A	RE-BARREL	10-16-04	RTL
B	DRILL AND TAP	10-19-04	TRW
575	ASSEMBLE	10-16-04	RTL
600	PROOF	10-18-04	RTL
605	CHECK HEADSPACE	10-18-04	RTL
610	DIS-ASSEMBLE GUN	10-19-04	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	10/20/04	RB
618	ROTO-BLAST	10-22-04	LB
620	APPLY COATINGS	10/26/04	HP
625 A	FINAL ASSEMBLY	11-4-04	RTL
B	TRIGGER PULL TEST	11-8-04	RTL
C	SAFETY "ON" FORCE	11-8-04	RTL
D	SAFETY "OFF" FORCE	11-8-04	RTL
E	FIRING PIN INDENT		
640	TARGET	11-5-04	TRW
655	FINAL INSPECT	11-8-04	RTL
660	PACK	11-8-04	DA
		SHIP DATE	
	QAR INSPECTION DATE		

MAGNA - FLUX
INSPECTOR
OCT 2
OPERATOR





CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587564

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/19/90	KA
600	Proof		10/19/90	KA
607	Check Headspace		10/19/90	KA
610	Dis-assemble Gun		10/19/90	KA
612	Magnaflux Barrel Action		10/22/90	KR
	Magnaflux Bolt		10/22/90	KR
615	Rollmark Caliber		10/22/90	DS
617	Drill and Tap Sight Holes		10/23/90	FB
618	Polish Barrel RB		10/24/90	WB
620	Apply Coatings (Barrel Action)		11-1-90	KA
	Apply Coating (Bolt)		11-	KA
625	Final Assembly A) Clean inside of Bolt Assembly		11/6/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/6/90	KS
	C) Inspect Ejector Hole for Chamfer		11/6/90	KS
	D) Oil Firing Pin Ass'y		11/6/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11-10-90	KA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4.0	4.0	4.25			11-9-90	KT
	G) Safety Off Force	2.5	2.5	2.5			11-9-90	KT
	H) Trigger Pull Test & Retainability						11-10-90	KS
	I) Firing Pin Indent	.022	0.22	.023			11-9-90	KT
	J) Assemble Stock						11-10-90	KS
	K) Assemble Swivel Studs						11/19/90	KS
	L) Attach Front and Rear Sight Assemblies						11/10/90	KS
	M) Iron Sight Alignment						11/10/90	KS
	N) Detach Front & Rear Sights & place in numbered container						11/10/90	KS
	O) Attach Scope to Rifle						11/10/90	KS
	P) Detach & Attach Scope 20 Times						11/10/90	KS
640	Gallery Target & Test						11/13/90	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clearity of Scope						"	AF
645	Inspect for Live Ammo						11/13/90	AF
655	Final Inspection A) Headspace						11/19/90	KS
	B) Trigger Pull	220	220	220	224	227	11/19/90	KS
	C) Function						11/19/90	KS
660	Pack						12/7/90	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. C6587664
DATE 11-10-90
TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.36	2.34	220	MIN. SETTING,
PULL #2	2.35	2.38	2.31	220	NO AVG. OF 5
PULL #3	2.33	2.31	2.34	220	READINGS ACCEPT-
PULL #4	2.34	2.34	2.32	224	ABLE LESS THAN 2#
PULL #5	2.35	2.33	2.37	227	
TOTAL	11.88	11.72	11.68		
AVG.	2.376	2.344	2.336		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.37	3.18		
PULL #2	3.30	3.19		
PULL #3	3.54	3.35		
PULL #4	3.52	3.36		
PULL #5	3.40	3.38		
TOTAL	17.13	16.46		
AVG.	3.426	3.292		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.51		4.27
PULL #2	4.49	4.48		4.36
PULL #3	4.49	4.24		4.37
PULL #4	4.46	4.38		4.35
PULL #5	4.51	4.39		4.18
TOTAL	22.19	22.00		21.53
AVG.	4.434	4.4		4.306

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587564
14 Nov 1990

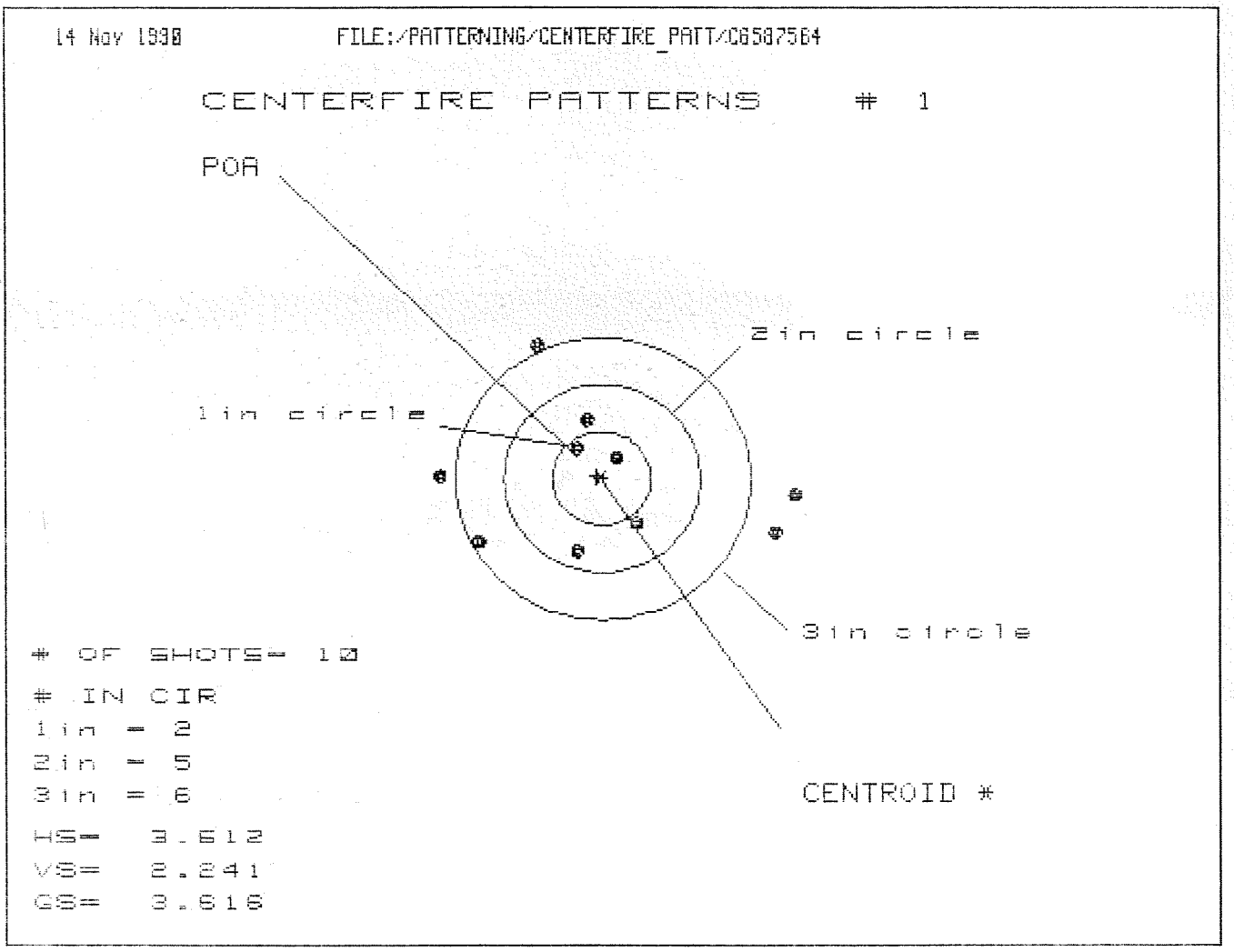
CENTROIDAL DISTANCES

Ø	TO	1	.0581808
1	TO	2	.158521
1	TO	3	.314341
1	TO	4	.126827
1	TO	5	.117393

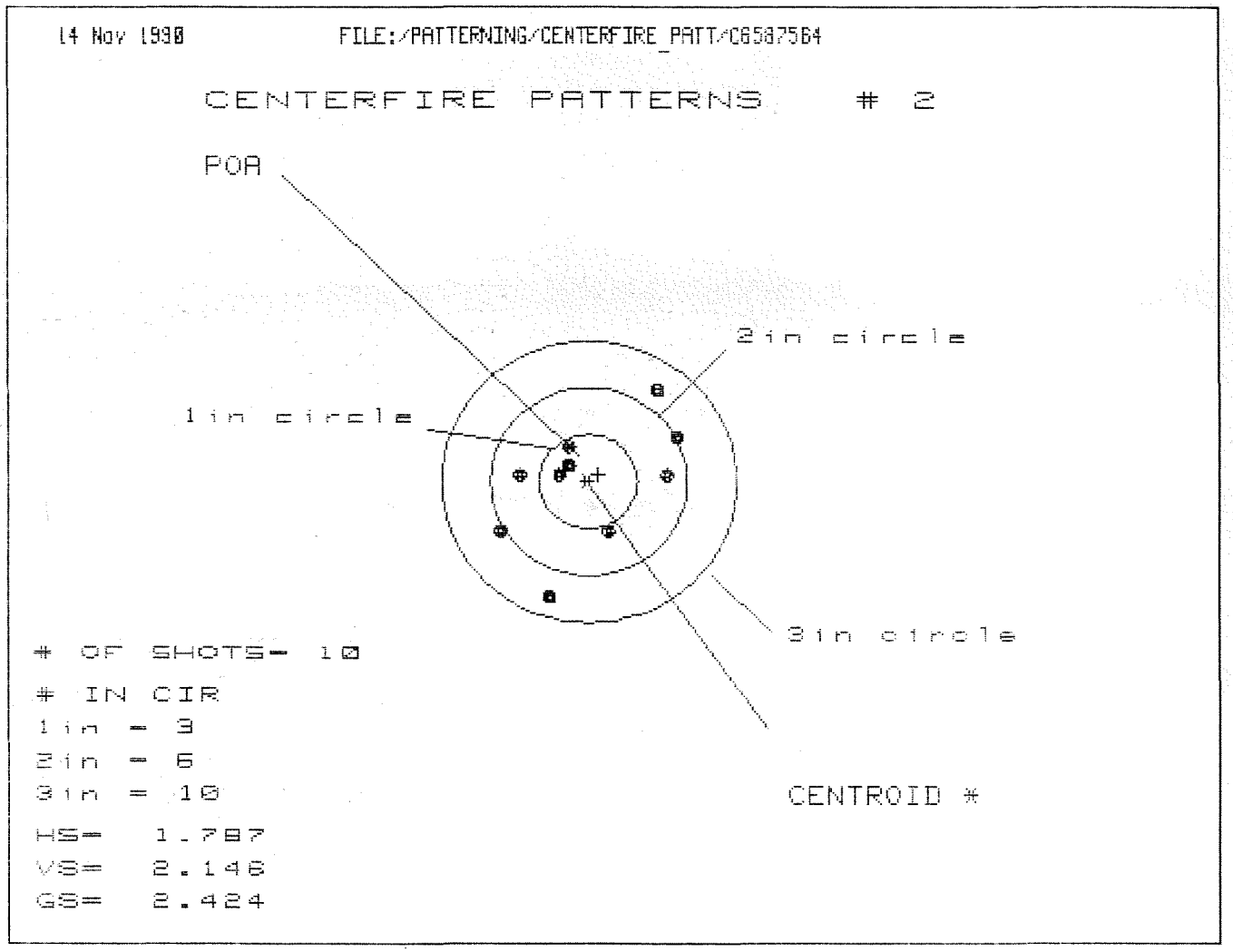
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0276
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1336
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .136421

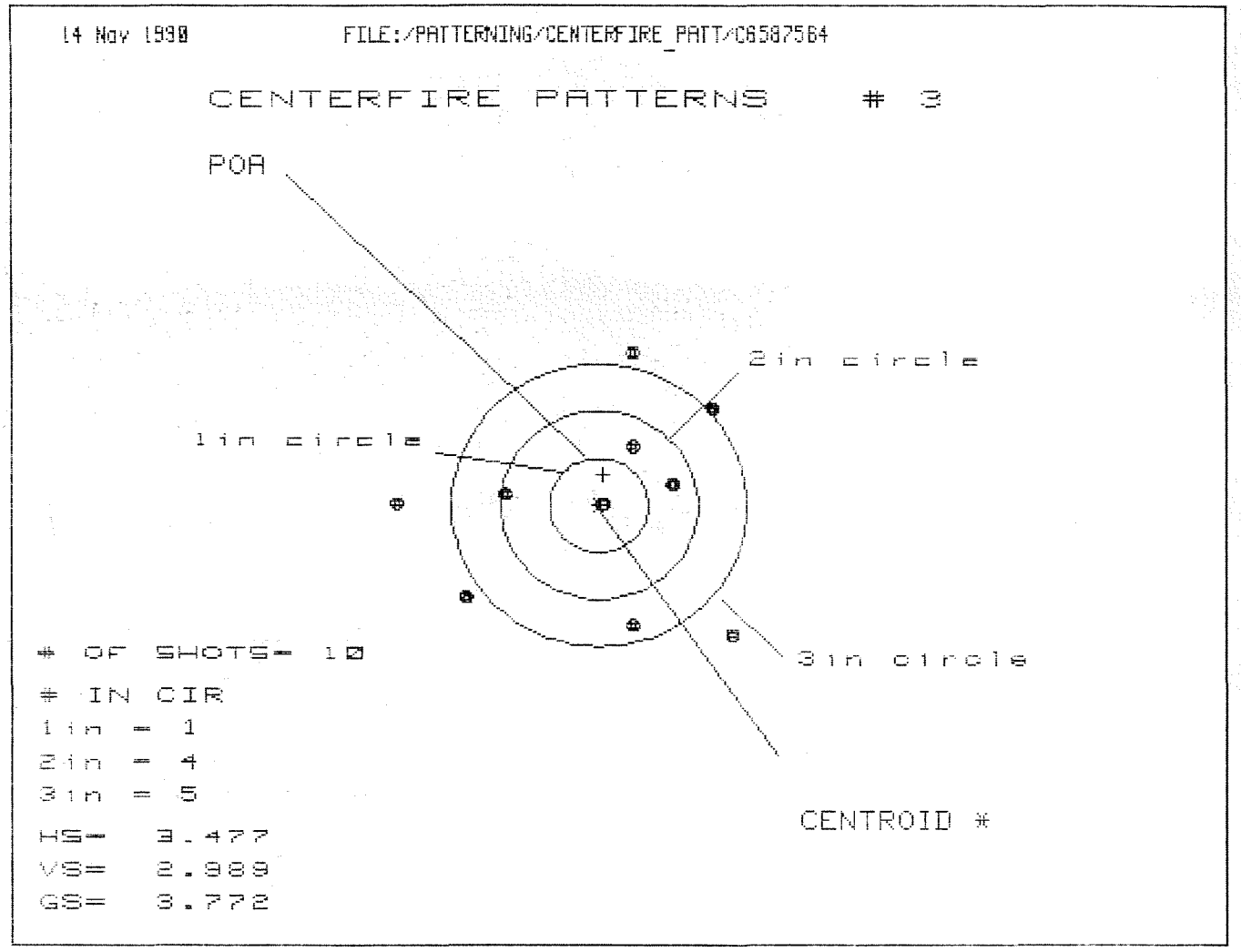
THE AMR FOR THIS RIFLE IS: 1.071



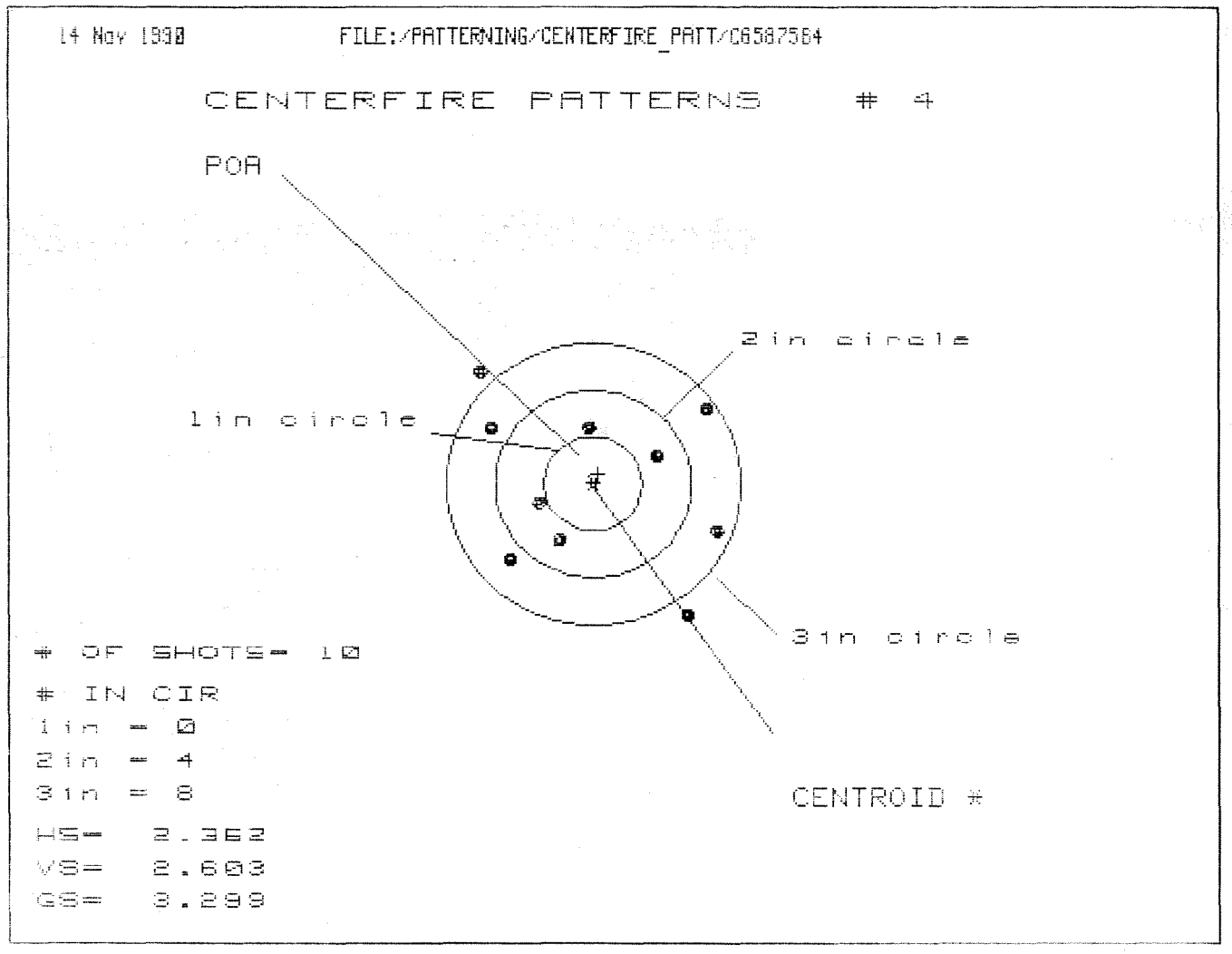
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.930	1.939	.760
MINIMUM X	:	-1.682	-1.468	-1.226
MAXIMUM Y	:	1.423	1.408	1.336
MINIMUM Y	:	-.818	-.833	-.905
CENTROID X	:	.051	-.163	-.406
CENTROID Y	:	-.028	-.013	.059
POA TO CENTROID in.	:	.059	.164	.410
MIN RADIUS	:	.305	.282	.311
MEAN RADIUS	:	1.118	1.014	.895
MAX RADIUS	:	1.935	2.023	1.345
HORIZONTAL SPREAD	:	3.612	3.407	1.986
VERTICAL SPREAD	:	2.241	2.241	2.241
EXTREME SPREAD	:	3.616	3.459	2.277
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		6	



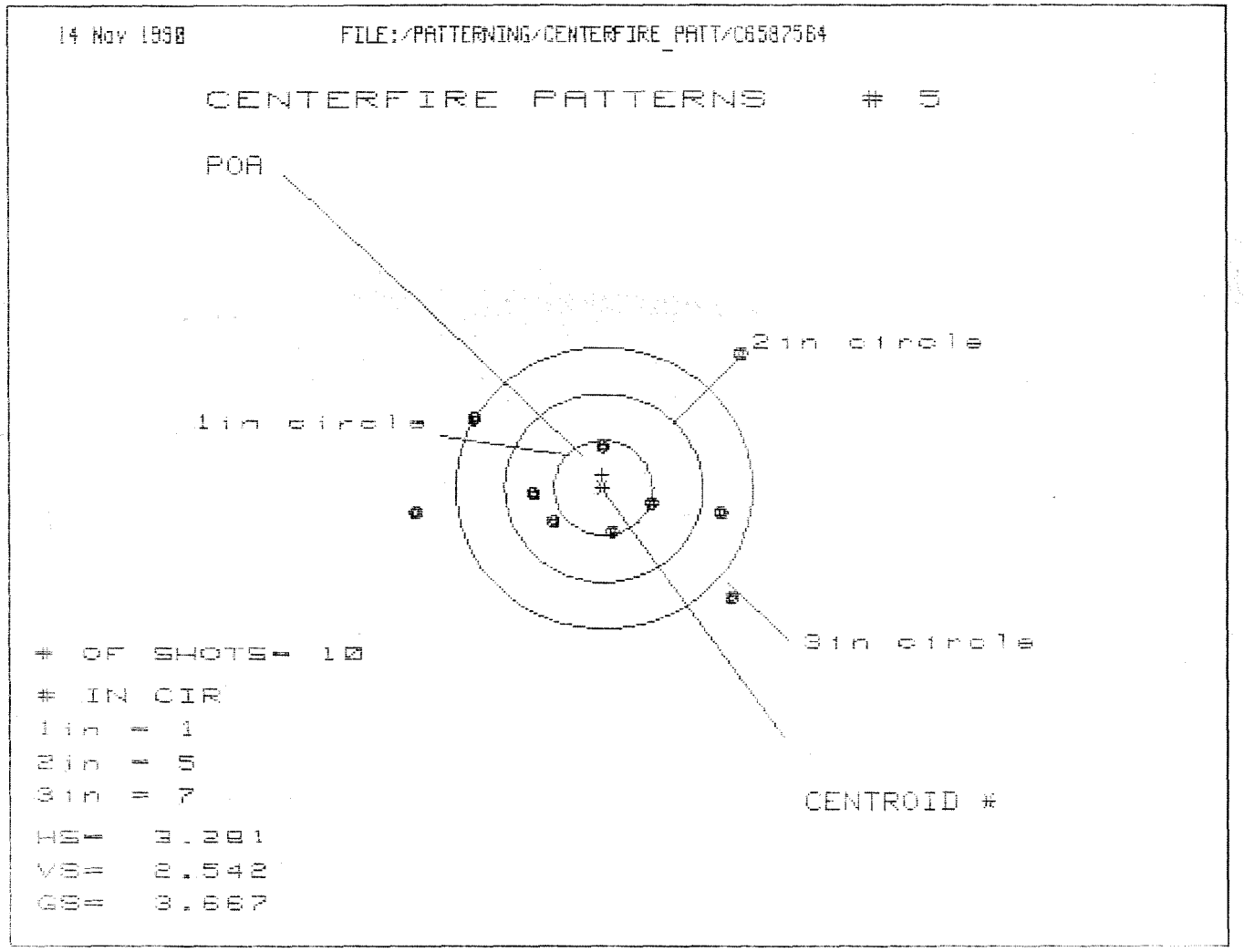
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.930	.886	.971
MINIMUM X	:	-.857	-.901	-.816
MAXIMUM Y	:	.969	.838	.472
MINIMUM Y	:	-1.177	-.676	-.571
CENTROID X	:	-.101	-.057	-.142
CENTROID Y	:	-.073	.058	-.047
POA TO CENTROID in.	:	.125	.081	.150
MIN RADIUS	:	.304	.277	.257
MEAN RADIUS	:	.764	.702	.636
MAX RADIUS	:	1.243	1.123	1.080
HORIZONTAL SPREAD	:	1.787	1.787	1.787
VERTICAL SPREAD	:	2.146	1.514	1.043
EXTREME SPREAD	:	2.424	2.189	2.067
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.384	1.151	1.040
MINIMUM X	:	-2.093	-1.626	-1.482
MAXIMUM Y	:	1.582	1.588	1.413
MINIMUM Y	:	-1.407	-1.401	-1.450
CENTROID X	:	-.046	.187	.043
CENTROID Y	:	-.327	-.333	-.158
POA TO CENTROID in.	:	.330	.382	.164
MIN RADIUS	:	.075	.209	.115
MEAN RADIUS	:	1.275	1.169	1.056
MAX RADIUS	:	2.094	1.883	1.861
HORIZONTAL SPREAD	:	3.477	2.777	2.522
VERTICAL SPREAD	:	2.989	2.989	2.863
EXTREME SPREAD	:	3.772	3.199	3.199
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		5	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.251	1.353	1.226
MINIMUM X	:	-1.111	-1.009	-1.083
MAXIMUM Y	:	1.204	1.048	.735
MINIMUM Y	:	-1.399	-.926	-.795
CENTROID X	:	-.052	-.154	-.027
CENTROID Y	:	-.102	.054	-.077
POA TO CENTROID in.	:	.114	.163	.082
MIN RADIUS	:	.574	.427	.552
MEAN RADIUS	:	1.092	1.012	.952
MAX RADIUS	:	1.672	1.488	1.350
HORIZONTAL SPREAD	:	2.362	2.362	2.309
VERTICAL SPREAD	:	2.603	1.974	1.530
EXTREME SPREAD	:	3.299	2.892	2.548
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.370	1.435	1.215
MINIMUM X	:	-1.911	-1.759	-1.332
MAXIMUM Y	:	1.413	.936	.928
MINIMUM Y	:	-1.129	-.973	-.981
CENTROID X	:	.010	-.142	.078
CENTROID Y	:	-.138	-.295	-.287
POA TO CENTROID in.	:	.139	.328	.297
MIN RADIUS	:	.407	.425	.349
MEAN RADIUS	:	1.105	.992	.879
MAX RADIUS	:	1.968	1.760	1.623
HORIZONTAL SPREAD	:	3.281	3.194	2.547
VERTICAL SPREAD	:	2.542	1.909	1.909
EXTREME SPREAD	:	3.667	3.320	3.183
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	