C687654

MODEL 700™ M24

Model SM6 ™

Action

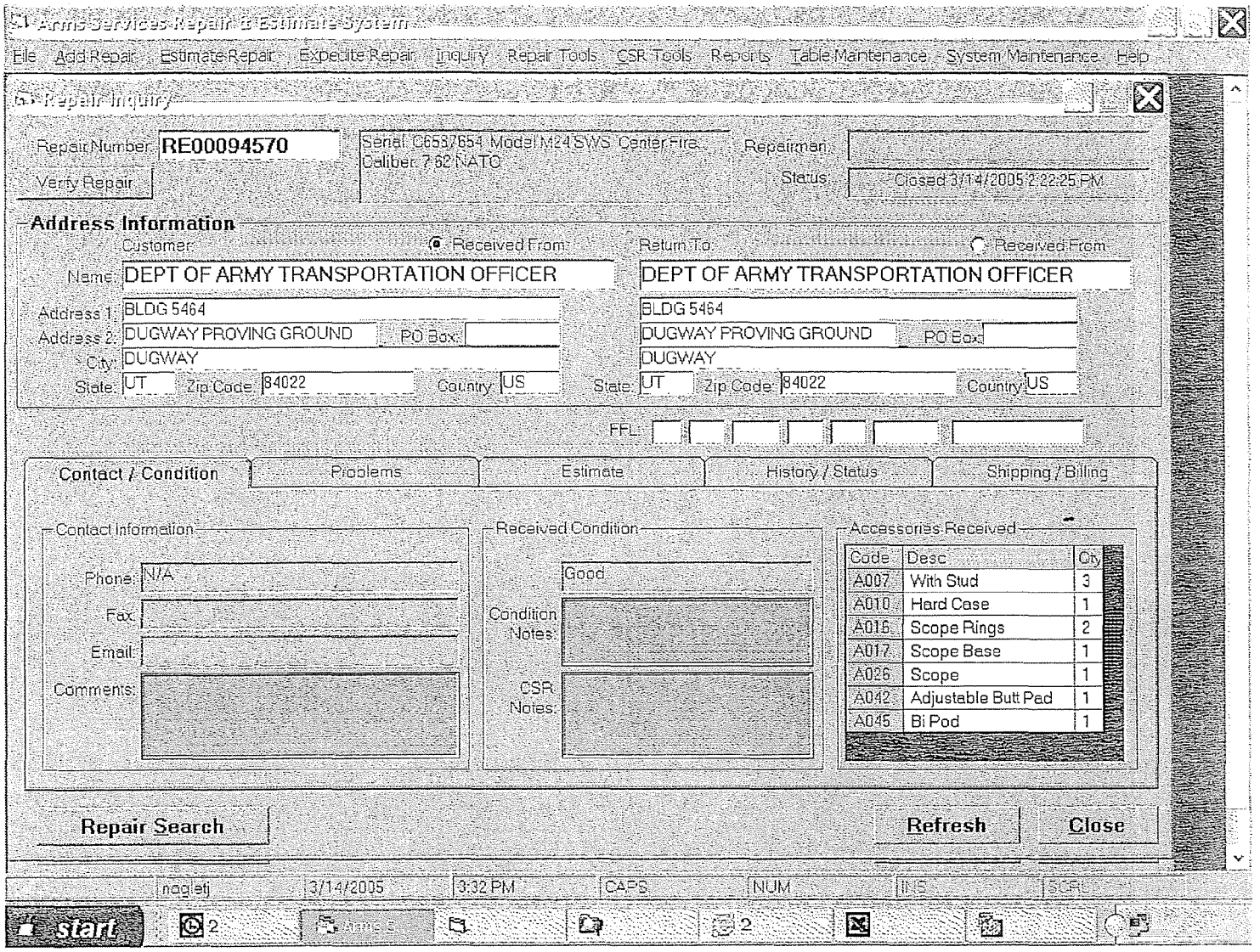
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington


Arms Services Repair & Estimate System
File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help
Repair Inquiry
Repair Number: RE00094570
Verify Repair
Serial: C653654 Model: M24 SWS Center Fire Caliber: 7.62 NATO
Repairman:
Status: Closed 3/14/2005 2:22:25 PM
Address Information
Customer: Received From:
Name: DEPT OF ARMY TRANSPORTATION OFFICER
Address 1: BLDG 5464
Address 2: DUGWAY PROVING GROUND PO Box:
City: DUGWAY
State: UT Zip Code: 84022 Country: US
Return To: Received From:
DEPT OF ARMY TRANSPORTATION OFFICER
BLDG 5464
DUGWAY PROVING GROUND PO Box:
DUGWAY
State: UT Zip Code: 84022 Country: US
FFL:
Contact / Condition
Problems
Estimate
History / Status
Shipping / Billing
Contact Information
Phone: N/A
Fax:
Email:
Comments:
Received Condition
Good
Condition Notes:
CSR Notes:
Accessories Received
Code Desc Qty
A007 With Stud 3
A010 Hard 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 3/14/2005 3:32 PM CAPS NUM INS SCRL
start


Serial Number:
C6587654
Model: M24 SWS
RE00094570

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587654.__0
FILE DATE AND TIME: 03/23/2005 09:32

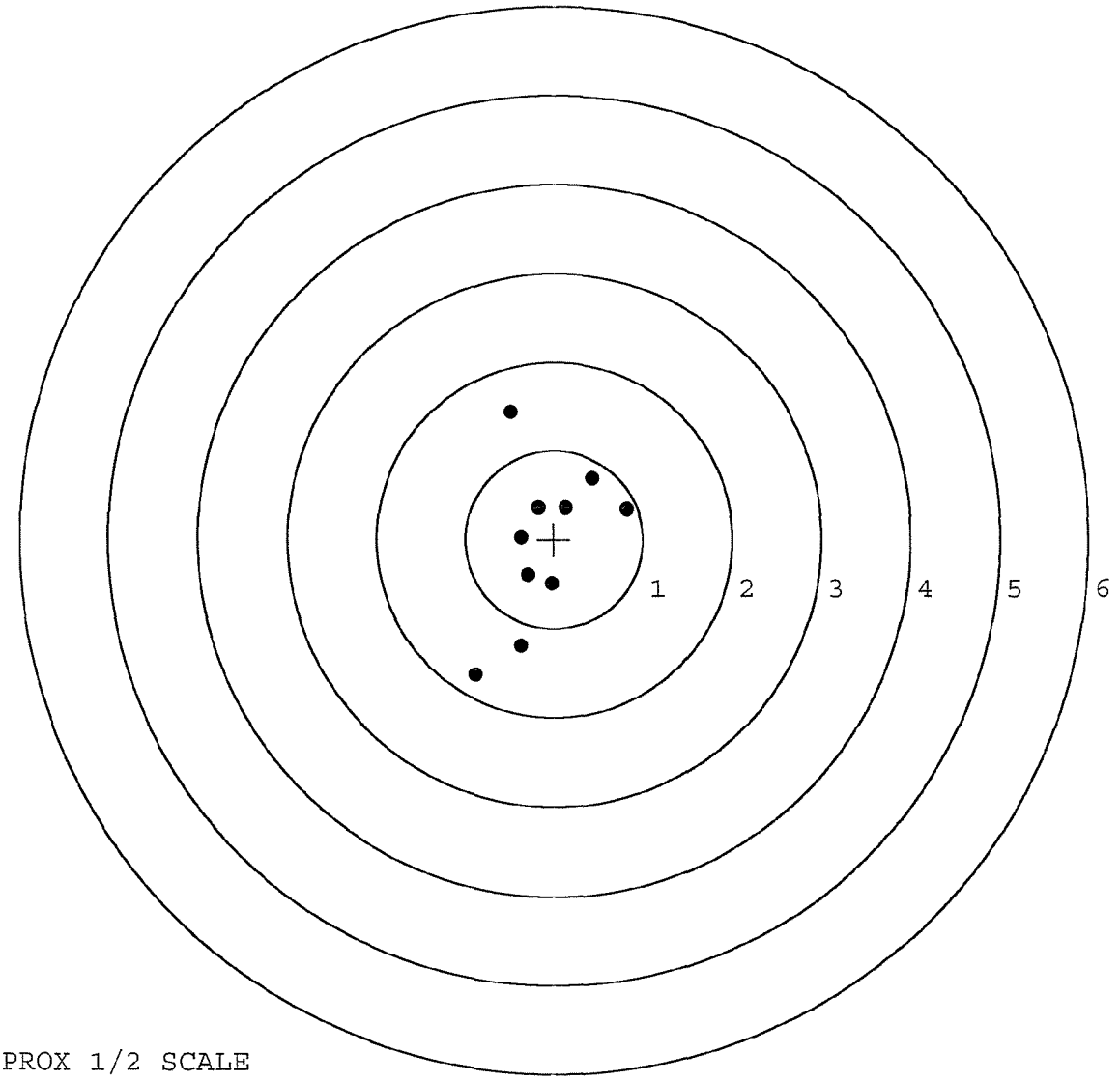
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.089
The Average Y Centroid of the Five Target Set:	-0.160
The Average Point of Impact of the Five Target Set:	0.183
The Average Mean Radius of the Five Target Set:	0.907
The Distance from POA to Centroid Target #1:	0.131
The Distance from Centroid Target #2 to Centroid Target #1:	0.130
The Distance from Centroid Target #3 to Centroid Target #1:	0.204
The Distance from Centroid Target #4 to Centroid Target #1:	0.110
The Distance from Centroid Target #5 to Centroid Target #1:	0.185

SERIAL NUMBER: C6587654.__0
TARGET NUMBER: 1
FILE DATE: 03/23/2005
FILE TIME: 09:32

X CENTROID:	-0.124
Y CENTROID:	-0.043
POA TO CENTROID:	0.131
HORZ SPREAD:	1.701
VERT SPREAD:	2.963
GROUP SPREAD:	2.989
MIN RADIUS:	0.253
MAX RADIUS:	1.668
MEAN RADIUS:	0.832
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-0.372	-1.205
2:	-0.881	-1.529
3:	-0.027	-0.503
4:	-0.297	-0.406
5:	0.820	0.346
6:	0.428	0.693
7:	0.131	0.357
8:	-0.184	0.359
9:	-0.368	0.021
10:	-0.488	1.434

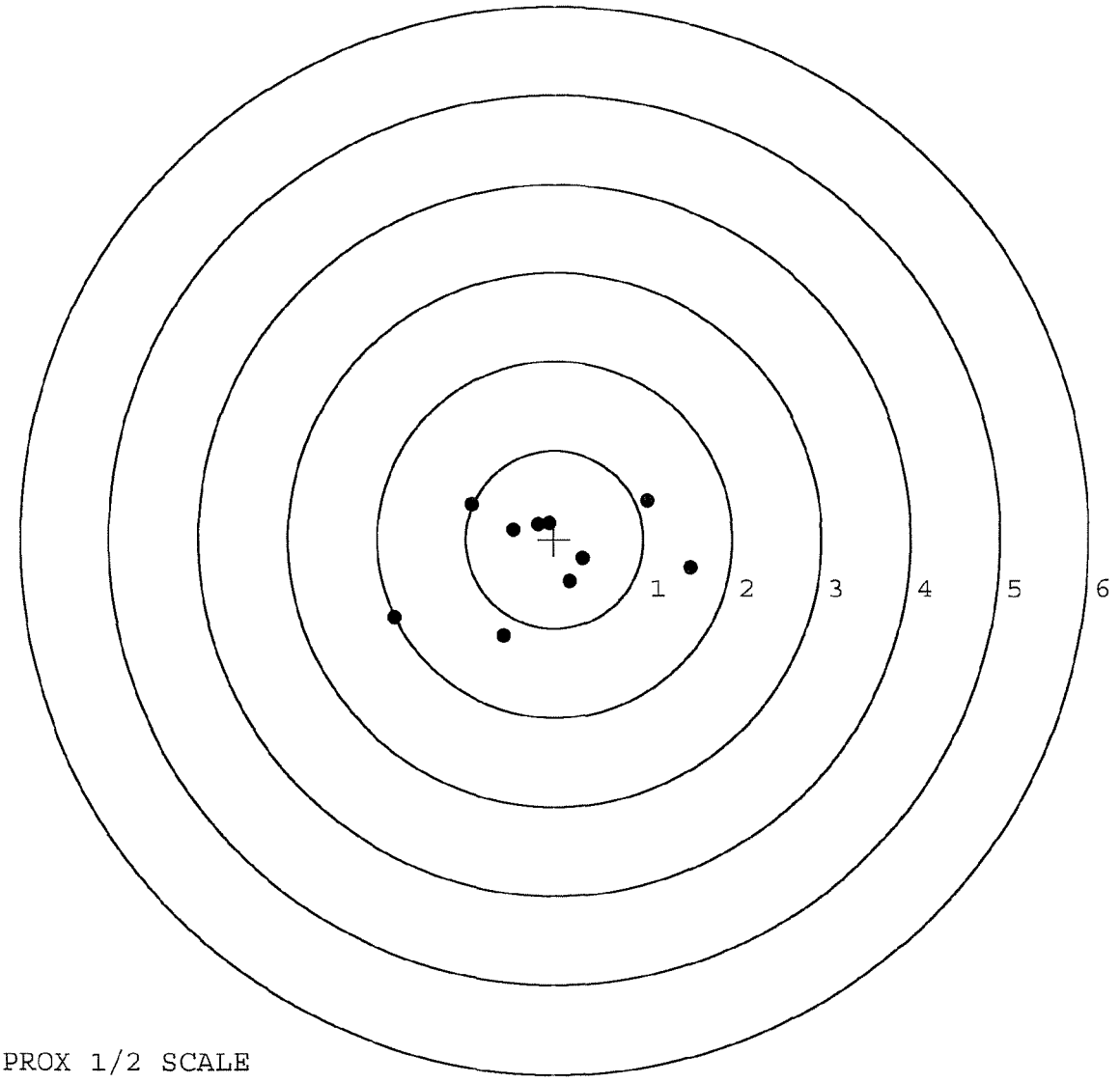


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587654.__0
TARGET NUMBER: 2
FILE DATE: 03/23/2005
FILE TIME: 09:32

X CENTROID:	-0.096
Y CENTROID:	-0.171
POA TO CENTROID:	0.196
HORZ SPREAD:	3.341
VERT SPREAD:	1.525
GROUP SPREAD:	3.390
MIN RADIUS:	0.354
MAX RADIUS:	1.861
MEAN RADIUS:	0.884
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	1.529	-0.319
2:	1.043	0.434
3:	0.325	-0.215
4:	0.176	-0.480
5:	-0.060	0.186
6:	-0.465	0.108
7:	-0.938	0.389
8:	-0.572	-1.091
9:	-1.812	-0.891
10:	-0.185	0.172

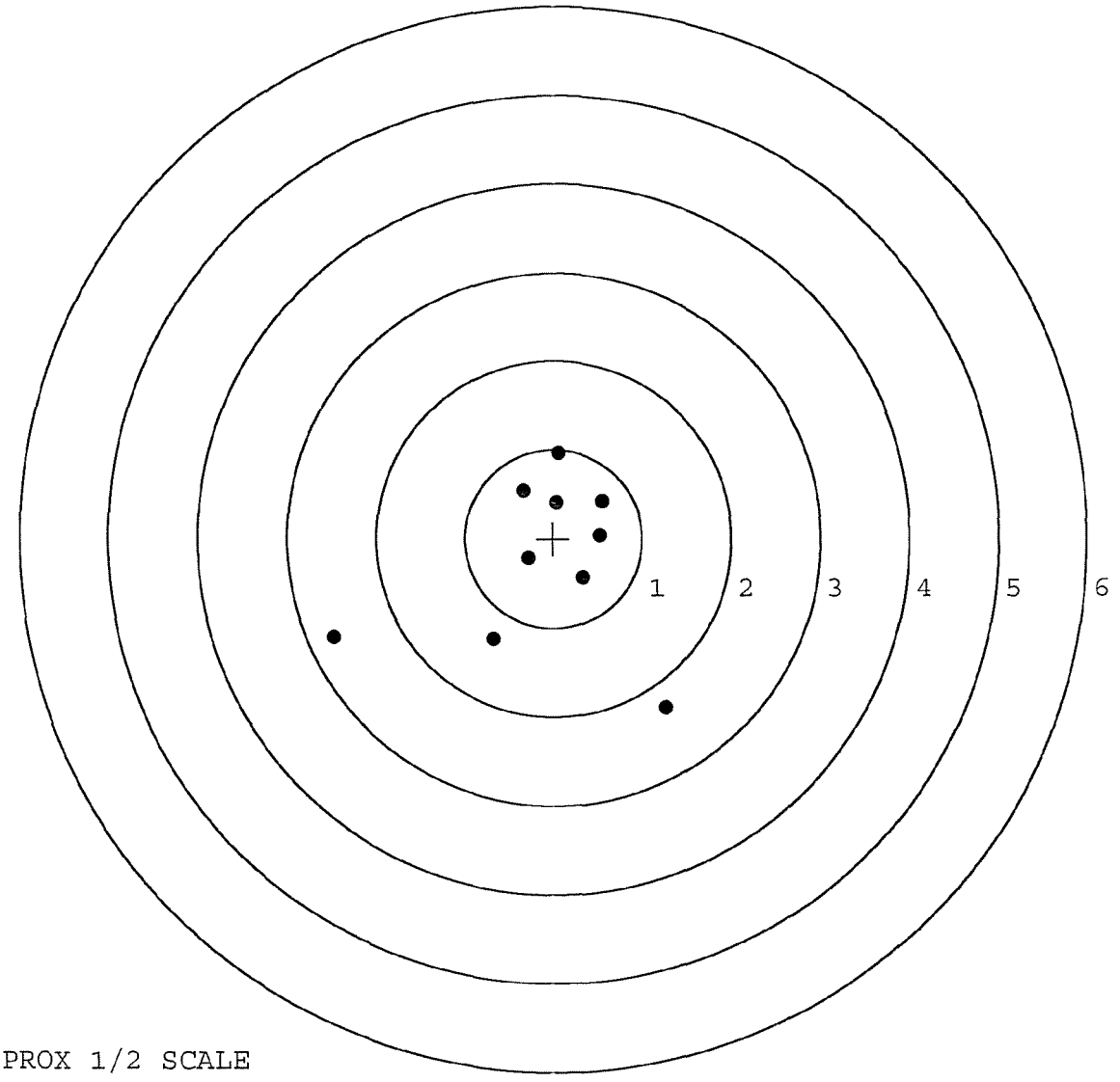


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587654.__0
TARGET NUMBER: 3
FILE DATE: 03/23/2005
FILE TIME: 09:32

X CENTROID:	-0.099
Y CENTROID:	-0.246
POA TO CENTROID:	0.265
HORZ SPREAD:	3.741
VERT SPREAD:	2.858
GROUP SPREAD:	3.822
MIN RADIUS:	0.184
MAX RADIUS:	2.532
MEAN RADIUS:	1.072
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	1.266	-1.902
2:	-0.678	-1.133
3:	-2.475	-1.120
4:	0.339	-0.437
5:	-0.282	-0.221
6:	0.530	0.044
7:	0.551	0.421
8:	0.039	0.400
9:	-0.346	0.536
10:	0.063	0.956

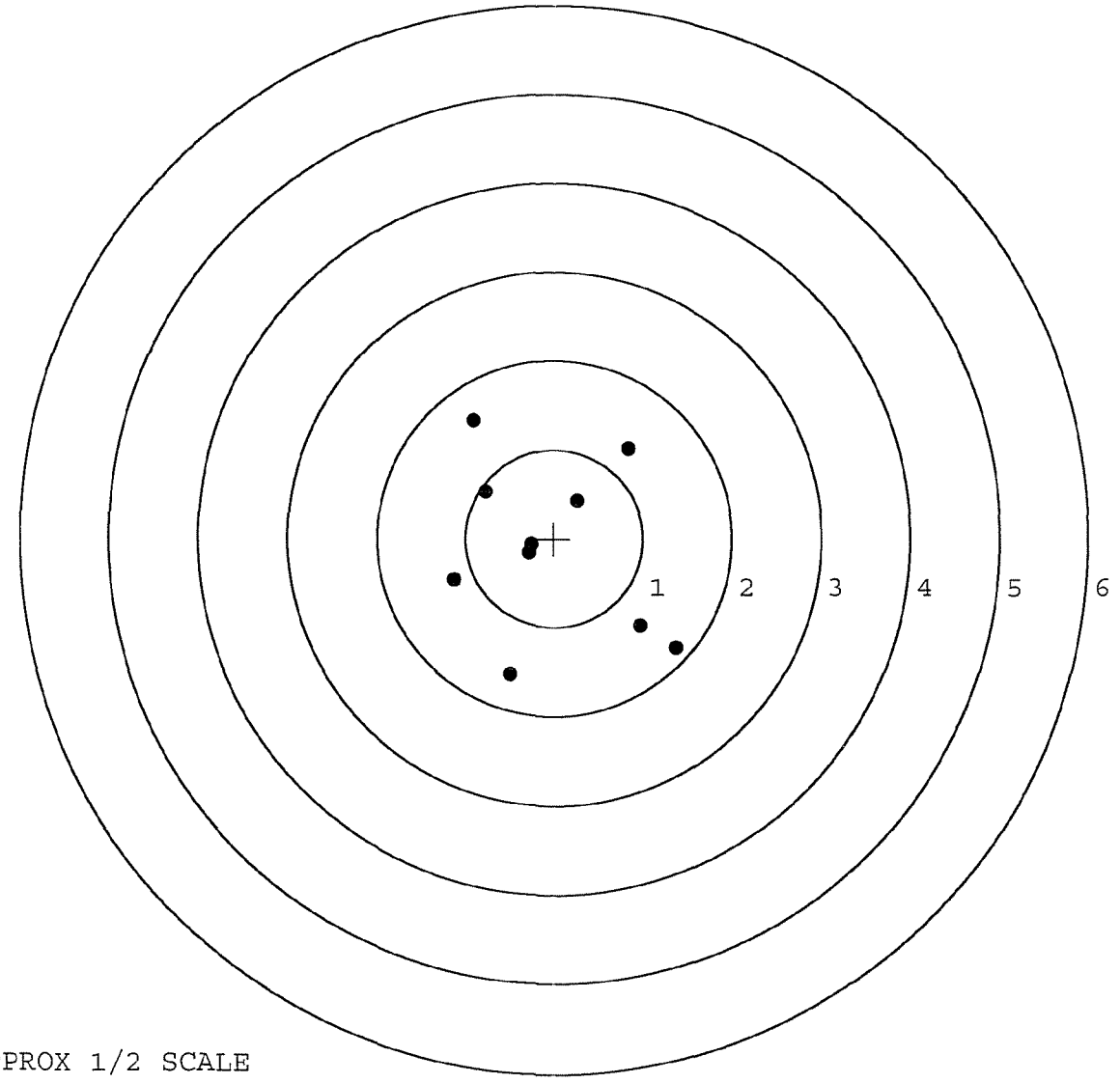


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587654.__0
TARGET NUMBER: 4
FILE DATE: 03/23/2005
FILE TIME: 09:32

X CENTROID:	-0.041
Y CENTROID:	-0.116
POA TO CENTROID:	0.123
HORZ SPREAD:	2.497
VERT SPREAD:	2.860
GROUP SPREAD:	3.426
MIN RADIUS:	0.220
MAX RADIUS:	1.798
MEAN RADIUS:	1.094
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	4
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	1.367	-1.235
2:	0.970	-0.988
3:	-0.493	-1.534
4:	-1.130	-0.472
5:	-0.283	-0.160
6:	-0.254	-0.063
7:	0.263	0.427
8:	0.834	1.007
9:	-0.774	0.531
10:	-0.909	1.326

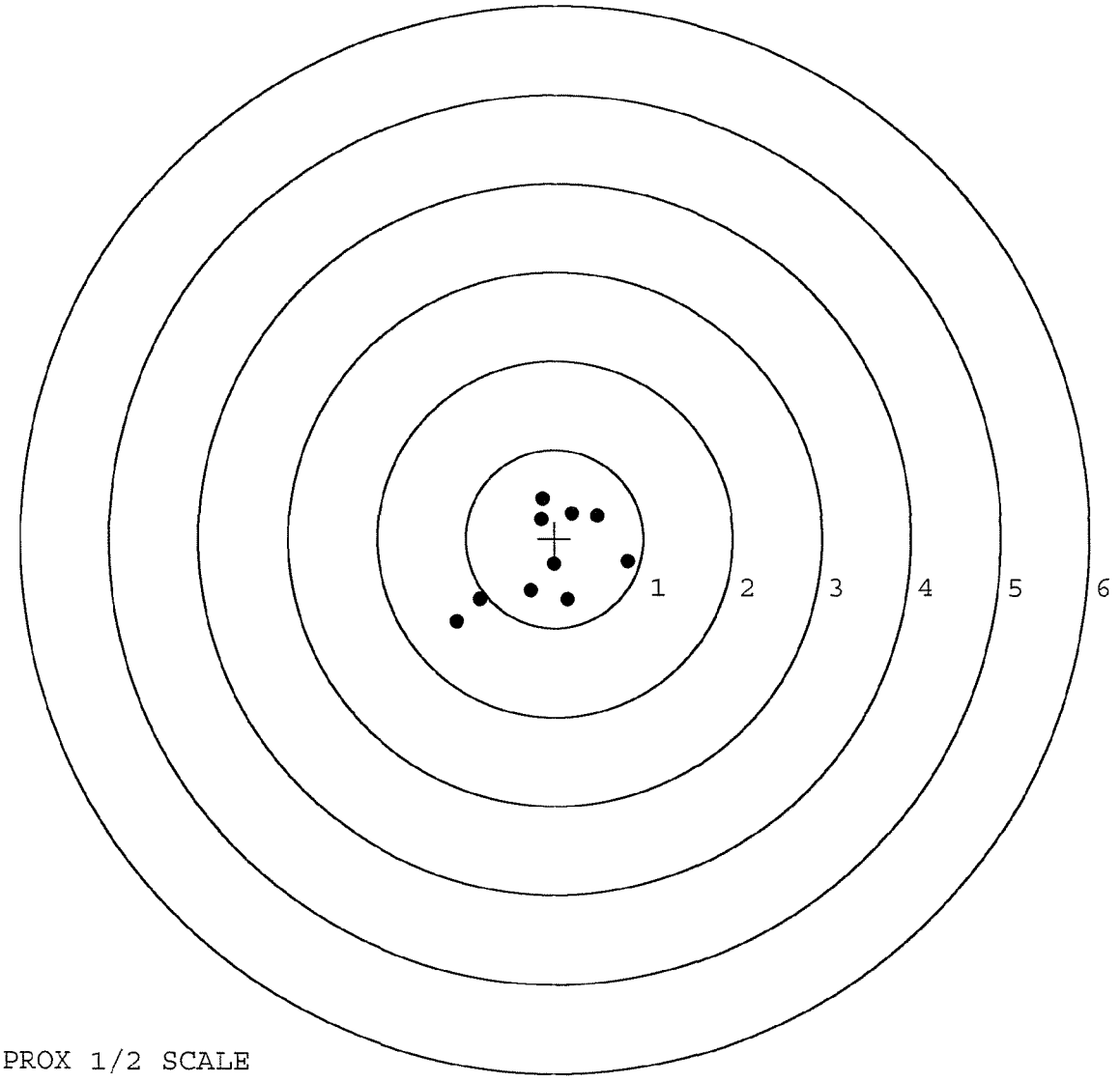


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587654.__0
TARGET NUMBER: 5
FILE DATE: 03/23/2005
FILE TIME: 09:32

X CENTROID:	-0.087
Y CENTROID:	-0.225
POA TO CENTROID:	0.241
HORZ SPREAD:	1.930
VERT SPREAD:	1.384
GROUP SPREAD:	2.045
MIN RADIUS:	0.099
MAX RADIUS:	1.241
MEAN RADIUS:	0.652
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

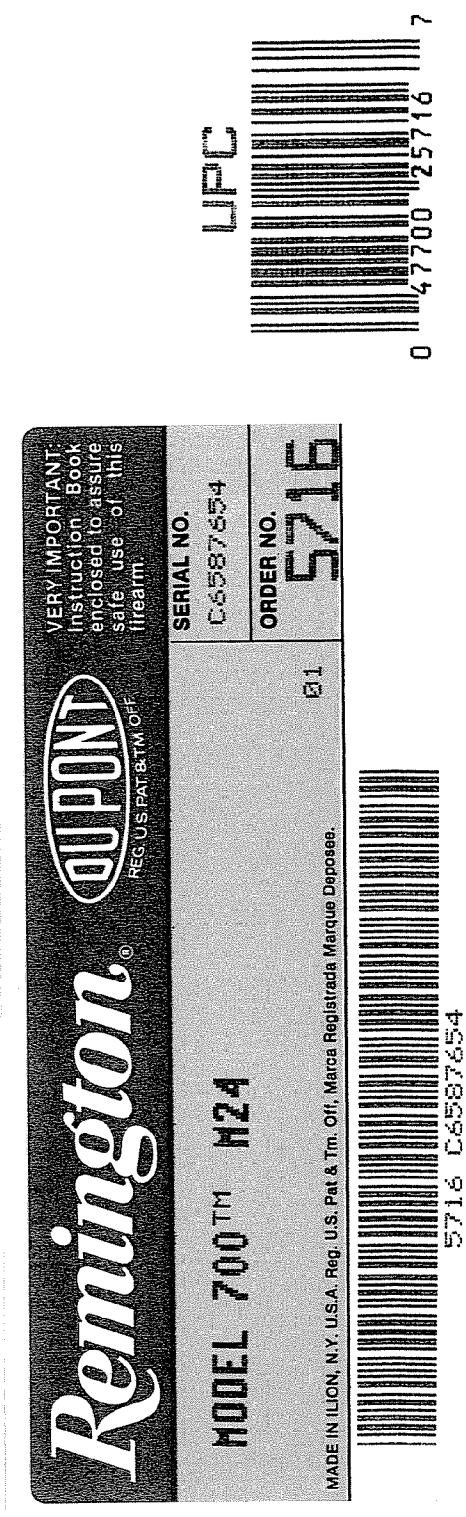
POINT#	X	Y
1:	0.825	-0.261
2:	0.485	0.256
3:	0.188	0.283
4:	-0.142	0.448
5:	-0.152	0.218
6:	-0.012	-0.289
7:	0.151	-0.692
8:	-0.270	-0.587
9:	-0.842	-0.691
10:	-1.105	-0.936



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	94570		
SERIAL NUMBER	C6587654		
LOG-IN DATE	3-14-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL		
B	DRILL AND TAP		
575	ASSEMBLE		
600	PROOF		
605	CHECK HEADSPACE		
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	3-31-05	AC
D	SAFETY "OFF" FORCE	3-31-05	AC
E	FIRING PIN INDENT	3-31-05	AC
640	~~TARGET~~ TEST	3-23-05	AC
655	FINAL INSPECT	3-31-05	AC
660	PACK	4-14-05	DM
		SHIP DATE	
	QAR INSPECTION DATE		


Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.
MODEL 700 TM M24
SERIAL NO.
C6587654
ORDER NO.
5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off., Marca Registrada Marque Deposee.
01
5716 C6587654
UPC
0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587654

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/24/90	KA
600	Proof		10/24/90	KA
607	Check Headspace		10/24/90	KA
610	Dis-assemble Gun		10/24/90	KA
612	Magnaflux Barrel Action		10/30/90	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	SS
617	Drill and Tap Sight Holes		11/6/90	WB
618	Polish Barrel WB		11/7/90	WB
620	Apply Coatings (Barrel Action)		11-26-90	
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/30/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/30/90	KS
	C) Inspect Ejector Hole for Chamfer		11/30/90	KS
	D) Oil Firing Pin Ass'y		11/30/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		12/1/90	

op. #	BARBER - M24 0024589	READINGS			DATE	INIT
625 cont.	F) Safety On Force	5½	5½	5½	12/3/90	WB
	G) Safety Off Force	2½	2½	2½	12/3/90	WB
	H) Trigger Pull Test & Retainability				12-1-90	
	I) Firing Pin Indent	.0205	.021	.021	12/3/90	WB
	J) Assemble Stock				1/12/90	KS
	K) Assemble Swivel Studs				12-4-90	
	L) Attach Front and Rear Sight Assemblies				1/12/90	KS
	M) Iron Sight Alignment				1/12/90	KS
	N) Detach Front & Rear Sights & place in numbered container				1/12/90	KS
	O) Attach Scope to Rifle				1/12/90	KS
	P) Detach & Attach Scope 20 Times				1/12/90	KS
640	Gallery Target & Test				12-3-90	AC
	A) Time				12-3-90	AC
	B) Malfunctions				12-3-90	AC
	C) Pierced Primers				12-3-90	AC
	D) Optical Clearity of Scope				12-3-90	AC
645	Inspect for Live Ammo				12-3-90	AC
655	Final Inspection A) Headspace				12-4-90	
	B) Trigger Pull	268	266	267 267 271	12-4-90	
	C) Function				12-4-90	
660	Pack				12-17-90	

SWS TRIGGER PULL TEST

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

SERIAL NO. C6587654

DATE 12-1-98

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.29	2.37	2.68	MIN. SETTING,
PULL #2	2.35	2.36	2.33	2.66	NO AVG. OF 5
PULL #3	2.37	2.32	2.33	2.67	READINGS ACCEPT-
PULL #4	2.35	2.34	2.35	2.67	ABLE LESS THAN 2#
PULL #5	2.37	2.36	2.34	2.71	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.43	3.40		
PULL #2	3.50	3.44		
PULL #3	3.26	3.41		
PULL #4	3.44	3.43		
PULL #5	3.47	3.24		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.47	4.25		4.14
PULL #2	4.42	4.23		4.16
PULL #3	4.40	4.20		4.17
PULL #4	4.12	4.21		4.17
PULL #5	4.12	4.21		4.18
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587654
3 Dec 1990

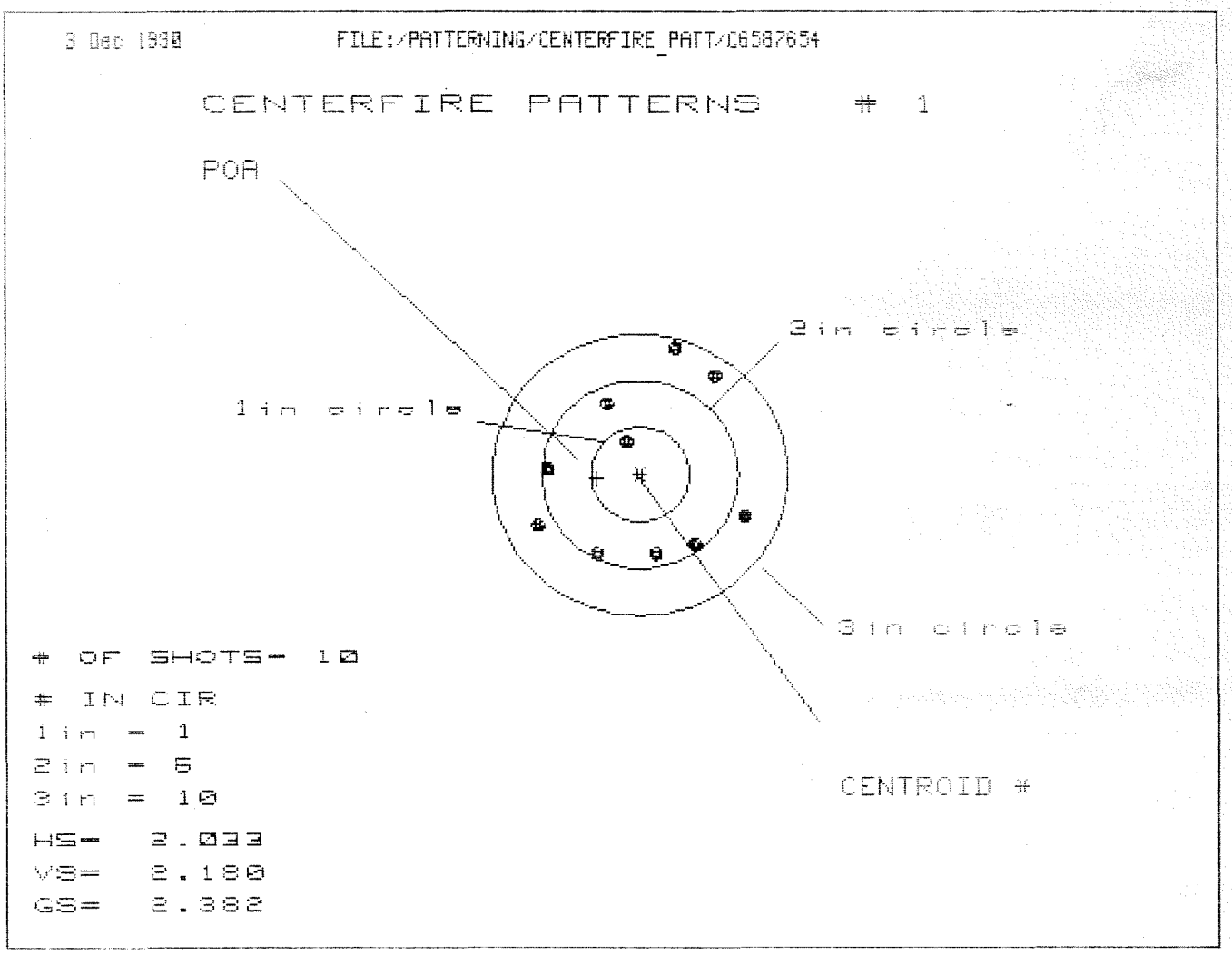
CENTROIDAL DISTANCES

0	TO	1	.43921
1	TO	2	.543007
1	TO	3	.528516
1	TO	4	.389515
1	TO	5	.418743

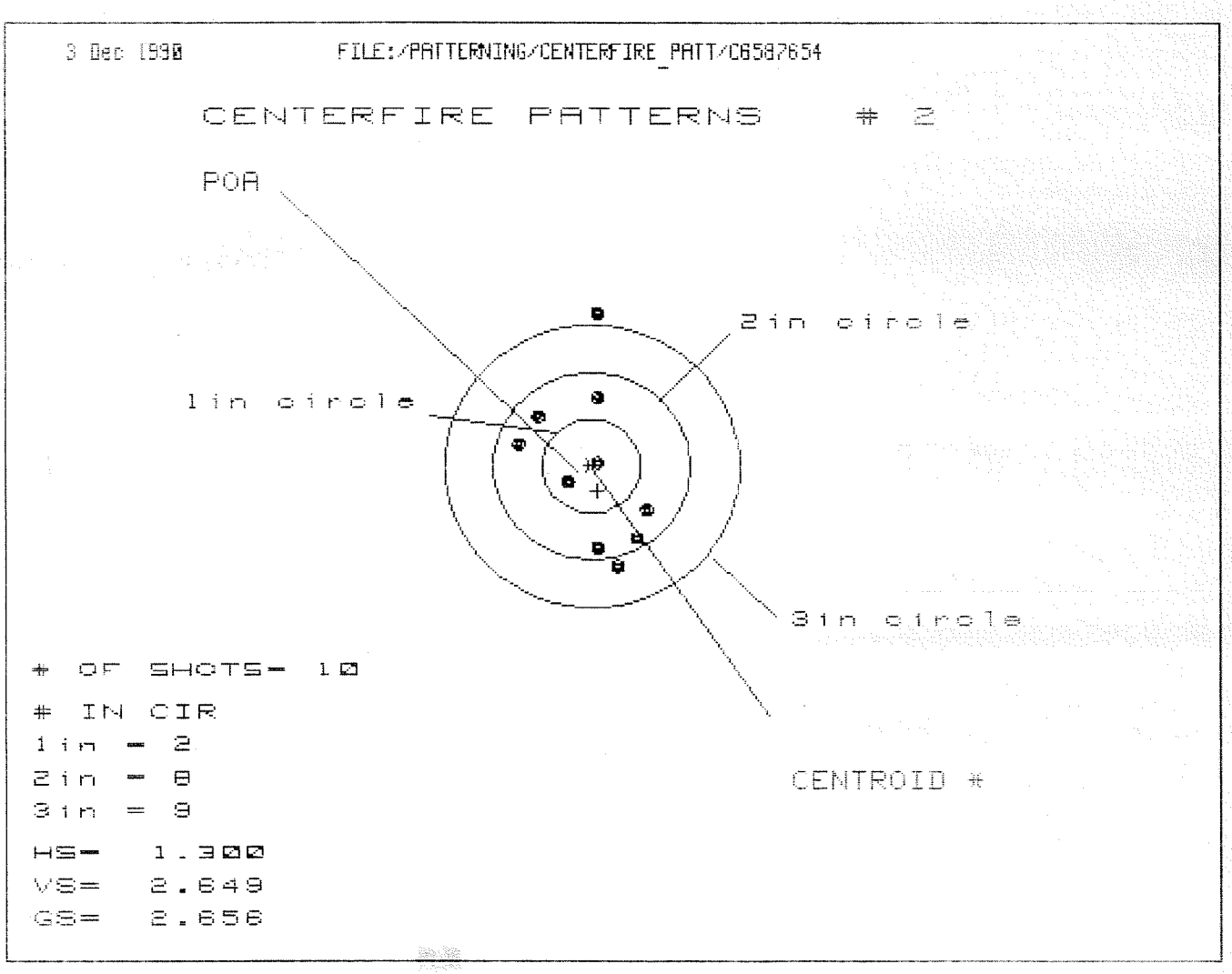
1 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0784
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0654
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .102097

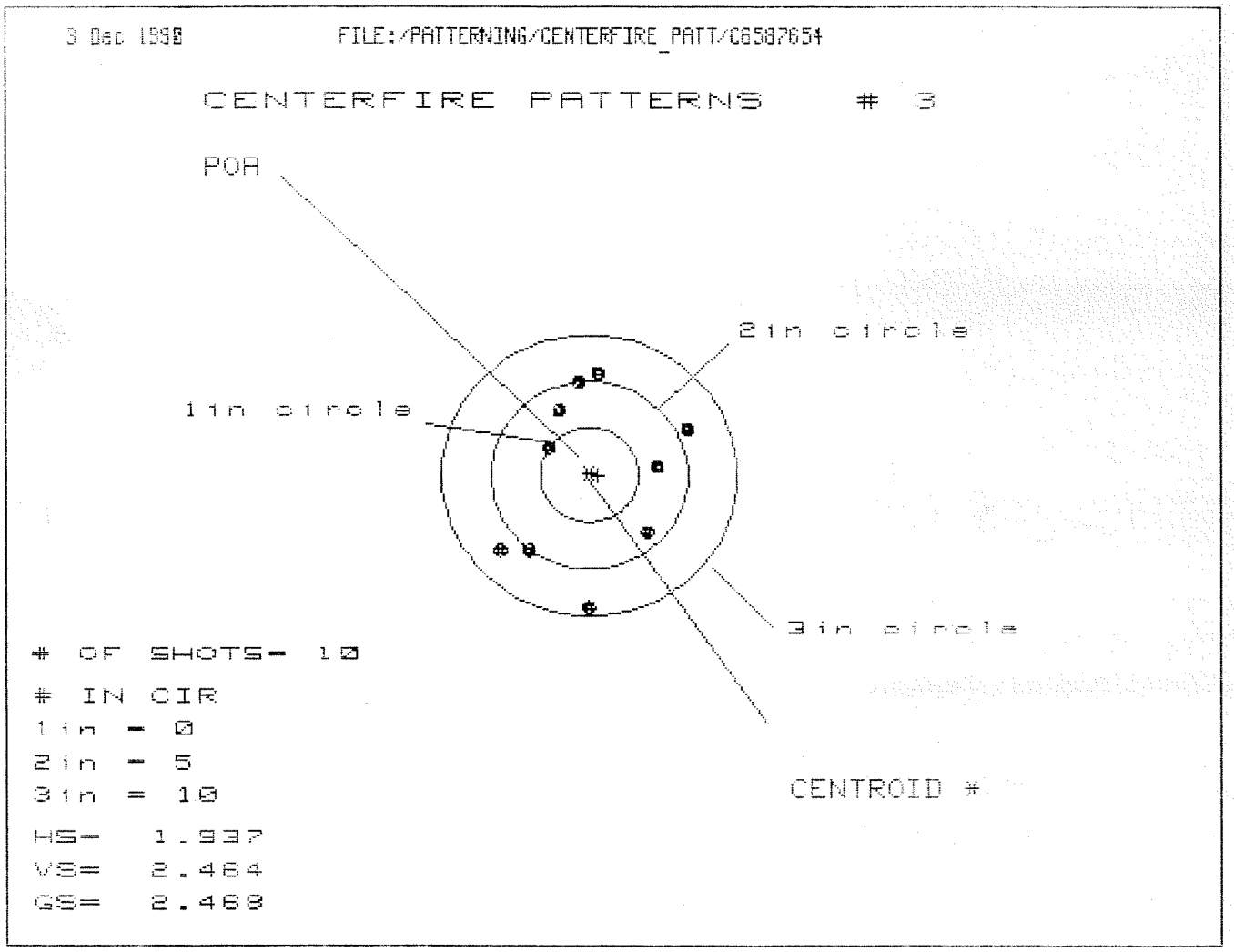
THE AMR FOR THIS RIFLE IS: .971



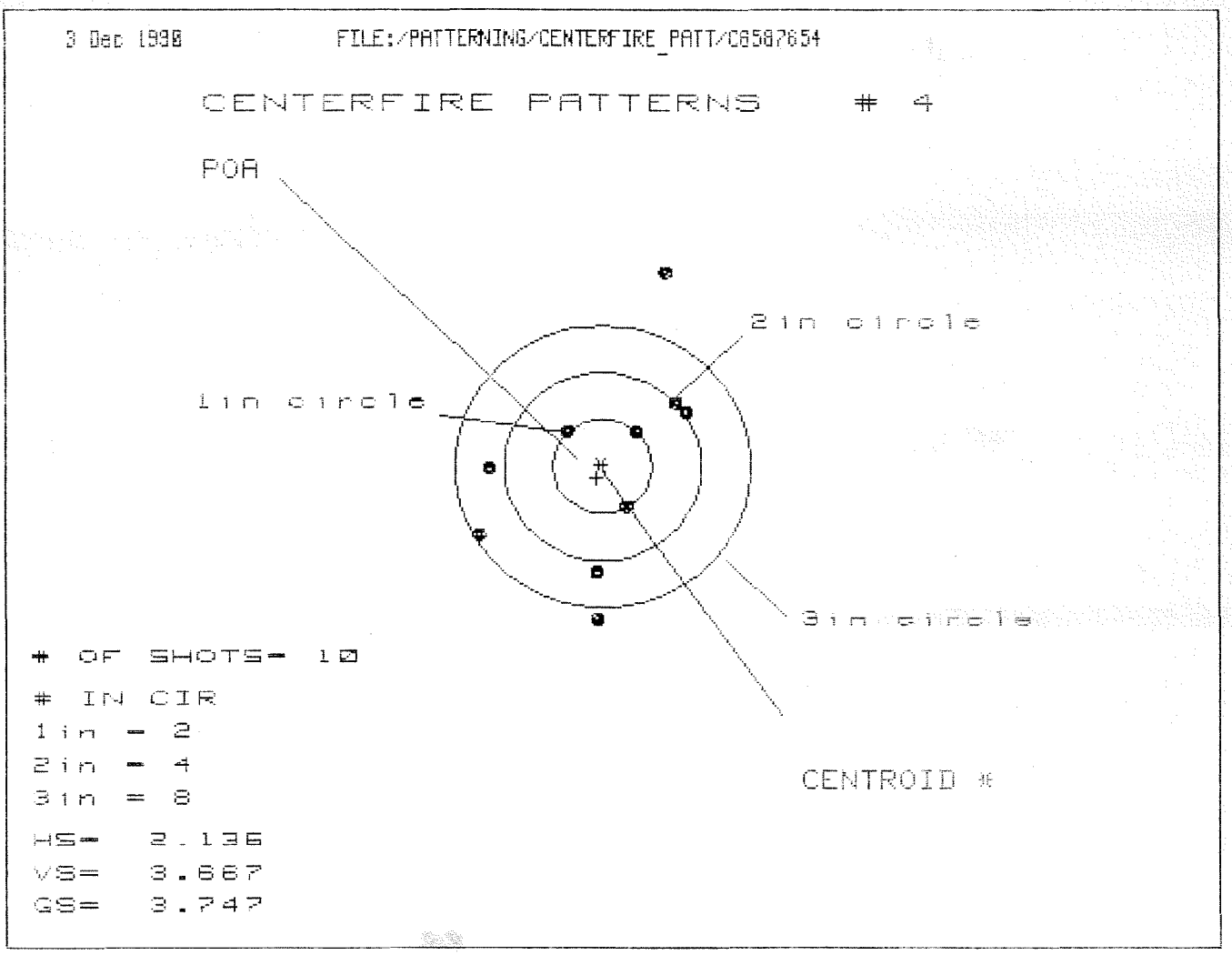
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.015	1.056	1.156
MINIMUM X	:	-1.018	-.977	-.877
MAXIMUM Y	:	1.313	1.210	1.060
MINIMUM Y	:	-.867	-.721	-.569
CENTROID X	:	.437	.396	.296
CENTROID Y	:	.044	-.102	-.254
POA TO CENTROID in.	:	.439	.409	.390
MIN RADIUS	:	.329	.461	.607
MEAN RADIUS	:	.983	.928	.841
MAX RADIUS	:	1.366	1.451	1.172
HORIZONTAL SPREAD	:	2.033	2.033	2.033
VERTICAL SPREAD	:	2.180	1.931	1.649
EXTREME SPREAD	:	2.382	2.382	2.033
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



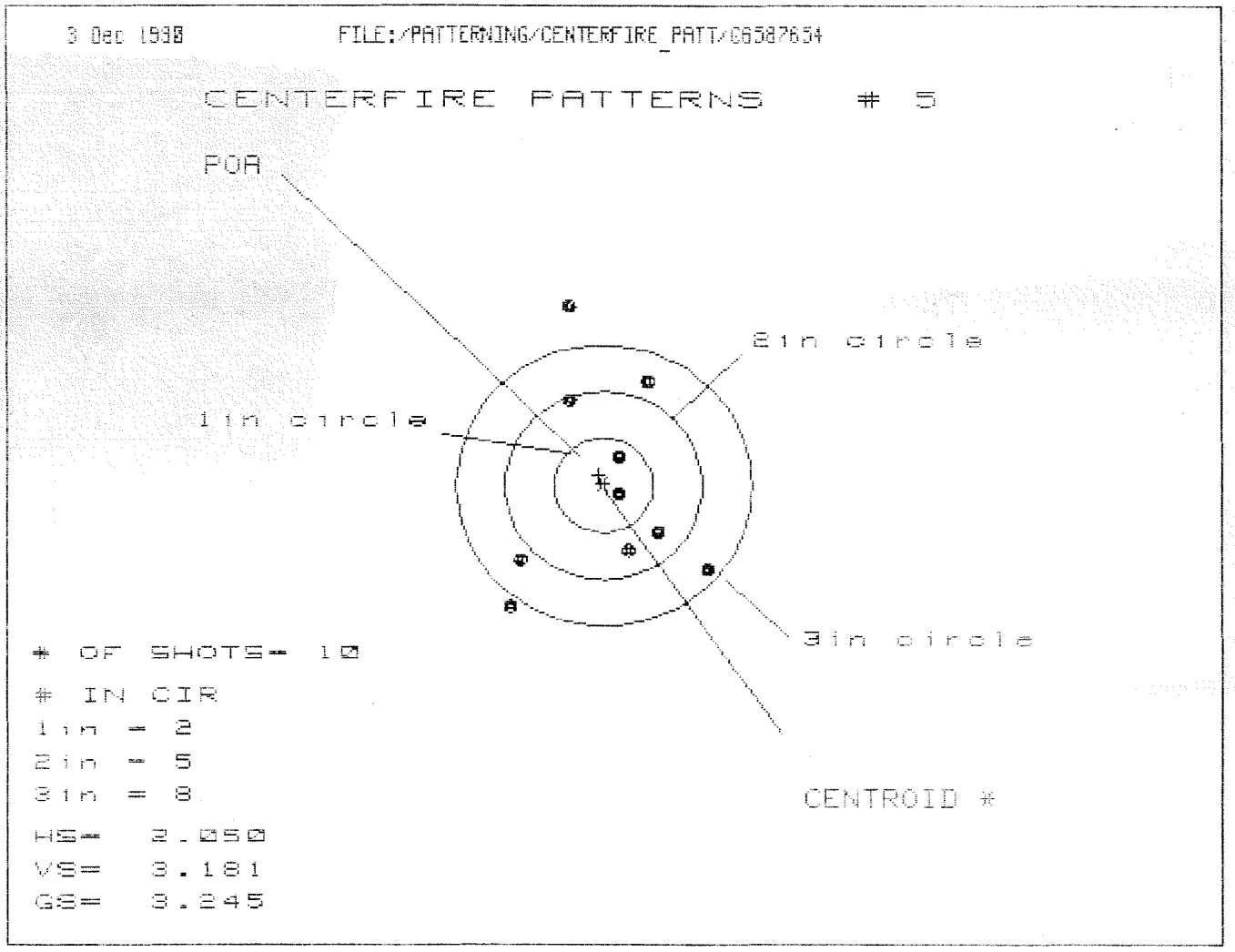
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.589	.593	.623
MINIMUM X	:	-.711	-.707	-.677
MAXIMUM Y	:	1.628	.909	.803
MINIMUM Y	:	-1.021	-.840	-.821
CENTROID X	:	-.059	-.063	-.093
CENTROID Y	:	.265	.084	.189
POA TO CENTROID in.	:	.272	.106	.211
MIN RADIUS	:	.115	.277	.195
MEAN RADIUS	:	.790	.691	.654
MAX RADIUS	:	1.628	.914	.874
HORIZONTAL SPREAD	:	1.300	1.300	1.300
VERTICAL SPREAD	:	2.649	1.749	1.624
EXTREME SPREAD	:	2.656	1.754	1.678
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.003	.997	.880
MINIMUM X	:	-.934	-.940	-.779
MAXIMUM Y	:	1.089	.936	.820
MINIMUM Y	:	-1.375	-.939	-1.055
CENTROID X	:	-.090	-.084	.033
CENTROID Y	:	.004	.157	.273
POA TO CENTROID in.	:	.090	.178	.275
MIN RADIUS	:	.504	.431	.519
MEAN RADIUS	:	.956	.884	.806
MAX RADIUS	:	1.376	1.323	1.312
HORIZONTAL SPREAD	:	1.937	1.937	1.659
VERTICAL SPREAD	:	2.464	1.875	1.875
EXTREME SPREAD	:	2.468	2.318	2.096
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.850	.927	.927
MINIMUM X	:	-1.286	-1.209	-1.209
MAXIMUM Y	:	2.039	.865	.690
MINIMUM Y	:	-1.628	-1.402	-1.046
CENTROID X	:	.056	-.021	-.021
CENTROID Y	:	.125	-.101	.074
POA TO CENTROID in.	:	.137	.104	.077
MIN RADIUS	:	.476	.390	.484
MEAN RADIUS	:	1.103	.983	.911
MAX RADIUS	:	2.153	1.402	1.399
HORIZONTAL SPREAD	:	2.136	2.136	2.136
VERTICAL SPREAD	:	3.667	2.267	1.736
EXTREME SPREAD	:	3.747	2.514	2.514
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.073	1.036	.909
MINIMUM X	:	-.977	-1.014	-1.012
MAXIMUM Y	:	1.875	1.297	1.159
MINIMUM Y	:	-1.306	-1.097	-.771
CENTROID X	:	.048	.085	.212
CENTROID Y	:	-.111	-.320	-.183
POA TO CENTROID in.	:	.121	.331	.280
MIN RADIUS	:	.166	.147	.040
MEAN RADIUS	:	1.023	.903	.800
MAX RADIUS	:	1.905	1.494	1.249
HORIZONTAL SPREAD	:	2.050	2.050	1.921
VERTICAL SPREAD	:	3.181	2.394	1.931
EXTREME SPREAD	:	3.245	2.784	2.291
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	