C6587562
MODEL 700 TH M24
Model SA5 TH
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: RE00135189

Verify Repair

Serial: C6587562 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 10/10/2007 10:40:50 AM

Address Information

Customer: (Received From)		Return To: (Received From)	
Name:	USPEO FOR OHIO		USPEO FOR OHIO
Address 1:	SS-SD BRANCH		SS-SD BRANCH
Address 2:	1217 HOLLAR LN	PO Box:	1217 HOLLAR LN PO Box:
City:	NEWARK		NEWARK
State:	OH	Zip Code: 43055 Country: US	State: OH Zip Code: 43055 Country: US

FFL:

Contact / Condition | Problems | Estimate | History / Status | Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A055	Deployment Kit	1
A057	Frt and Rear Sgt Base	1
D000	SCOPE CASE	1

Repair Search | Refresh | Close

nagletj | 10/10/2007 | 10:50 AM | CAPS | NUM | INS | SCRL

start | 8 Mi... | 7 Int... | 5 Mi... | SAP L... | Arms ... | Part S... | 10:50 AM

Serial Number: C6587562

Model: M24 SWS

RE00135189

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587562.__0
FILE DATE AND TIME: 11/01/2007 21:45

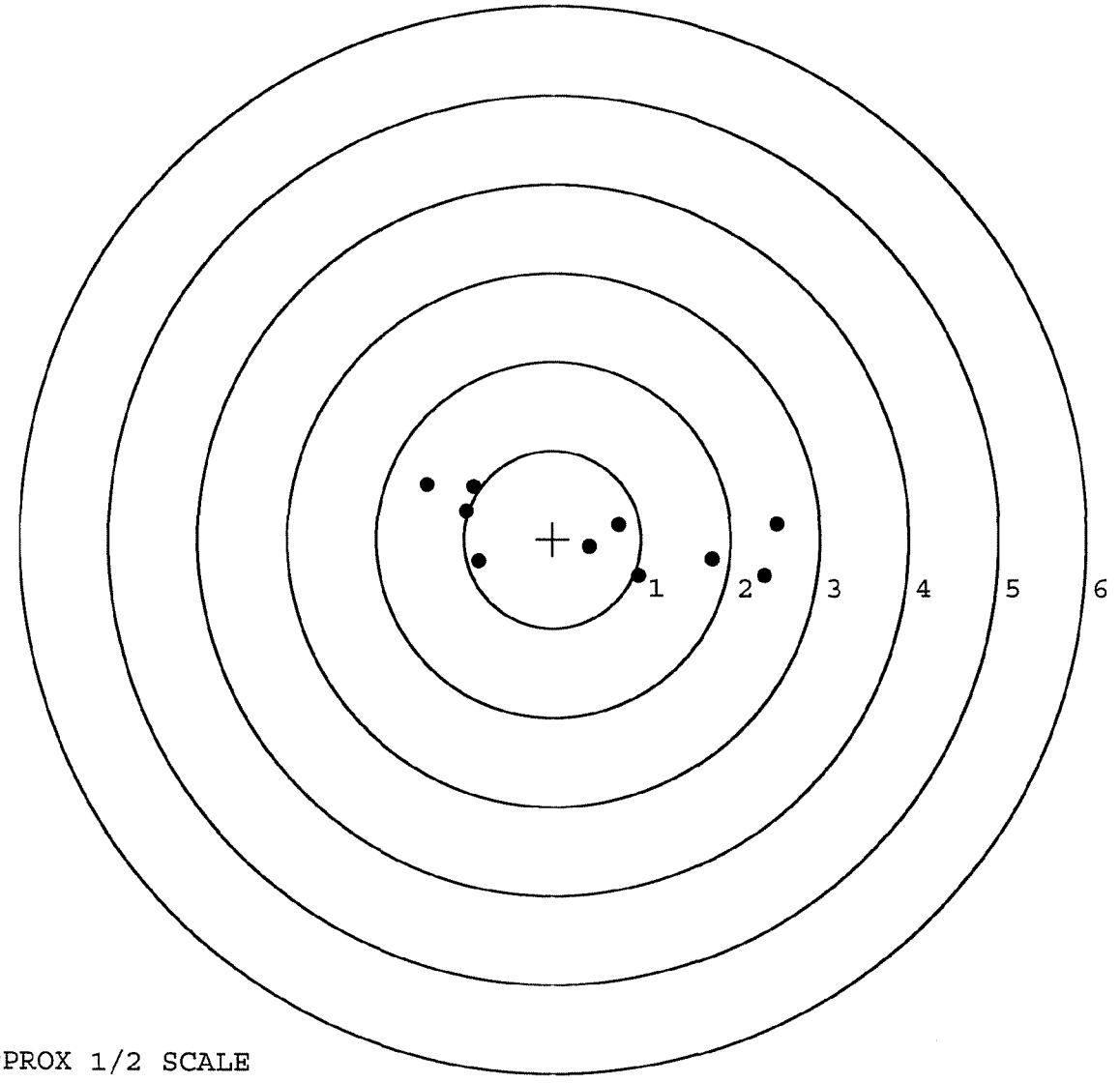
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.137
The Average Y Centroid of the Five Target Set:	0.162
The Average Point of Impact of the Five Target Set:	0.212
The Average Mean Radius of the Five Target Set:	0.826
The Distance from POA to Centroid Target #1:	0.473
The Distance from Centroid Target #2 to Centroid Target #1:	0.478
The Distance from Centroid Target #3 to Centroid Target #1:	0.331
The Distance from Centroid Target #4 to Centroid Target #1:	0.472
The Distance from Centroid Target #5 to Centroid Target #1:	0.515

SERIAL NUMBER: C6587562.__0
TARGET NUMBER: 1
FILE DATE: 11/01/2007
FILE TIME: 21:45

X CENTROID:	0.471
Y CENTROID:	0.048
POA TO CENTROID:	0.473
HORZ SPREAD:	3.948
VERT SPREAD:	1.036
GROUP SPREAD:	3.972
MIN RADIUS:	0.148
MAX RADIUS:	2.054
MEAN RADIUS:	1.276
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	3
# in 3 IN DIAMETER:	7

POINT#	X	Y
1:	-1.428	0.617
2:	-0.888	0.597
3:	-0.974	0.316
4:	-0.839	-0.251
5:	0.419	-0.091
6:	0.753	0.162
7:	0.971	-0.419
8:	1.794	-0.222
9:	2.378	-0.409
10:	2.520	0.178

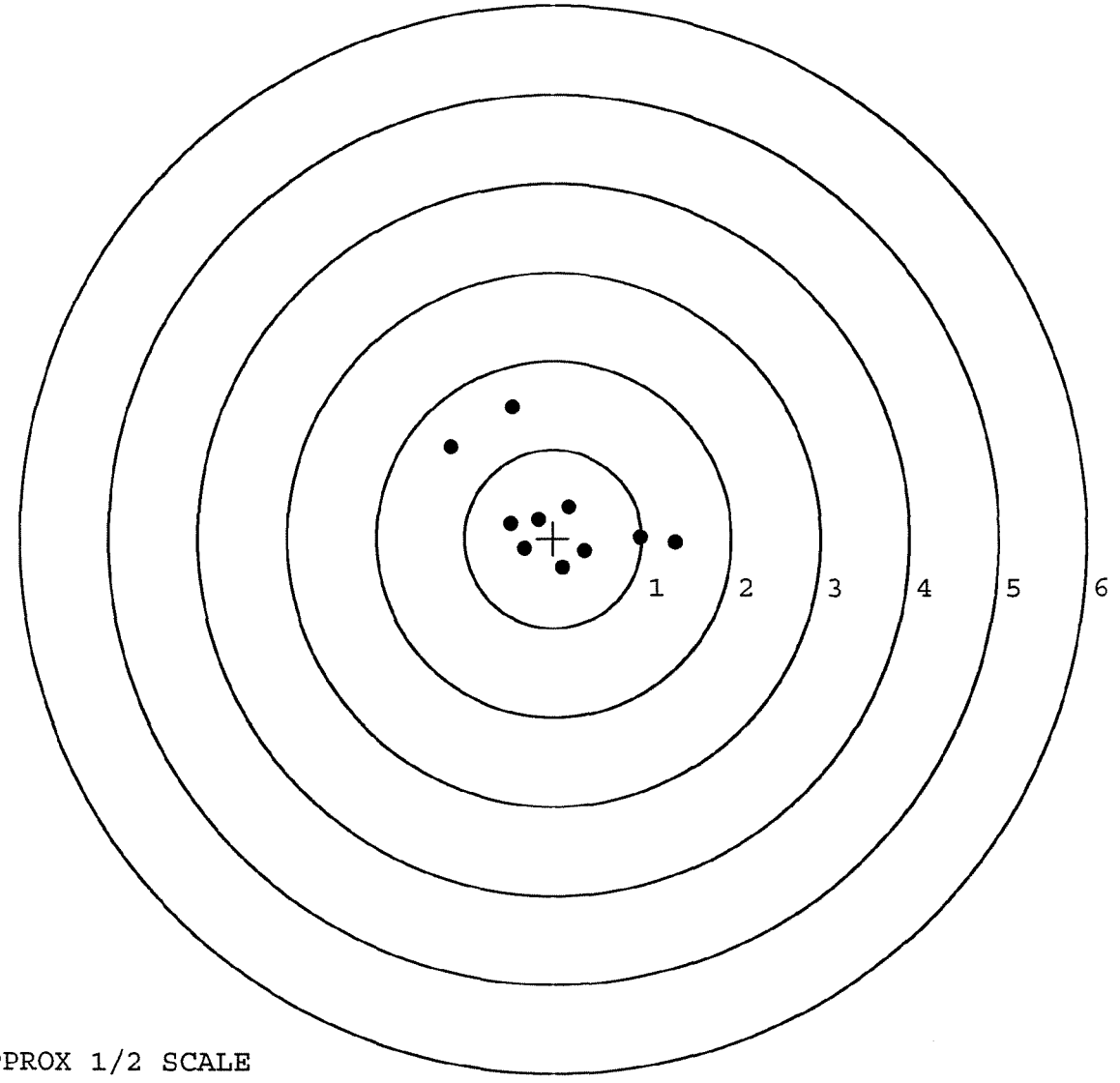


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587562.__0
TARGET NUMBER: 2
FILE DATE: 11/01/2007
FILE TIME: 21:45

X CENTROID:	0.042
Y CENTROID:	0.261
POA TO CENTROID:	0.264
HORZ SPREAD:	2.536
VERT SPREAD:	1.812
GROUP SPREAD:	2.753
MIN RADIUS:	0.158
MAX RADIUS:	1.420
MEAN RADIUS:	0.761
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-1.156	1.023
2:	-0.460	1.479
3:	0.981	0.014
4:	1.380	-0.048
5:	0.113	-0.333
6:	0.355	-0.142
7:	0.174	0.348
8:	-0.166	0.211
9:	-0.477	0.168
10:	-0.322	-0.115

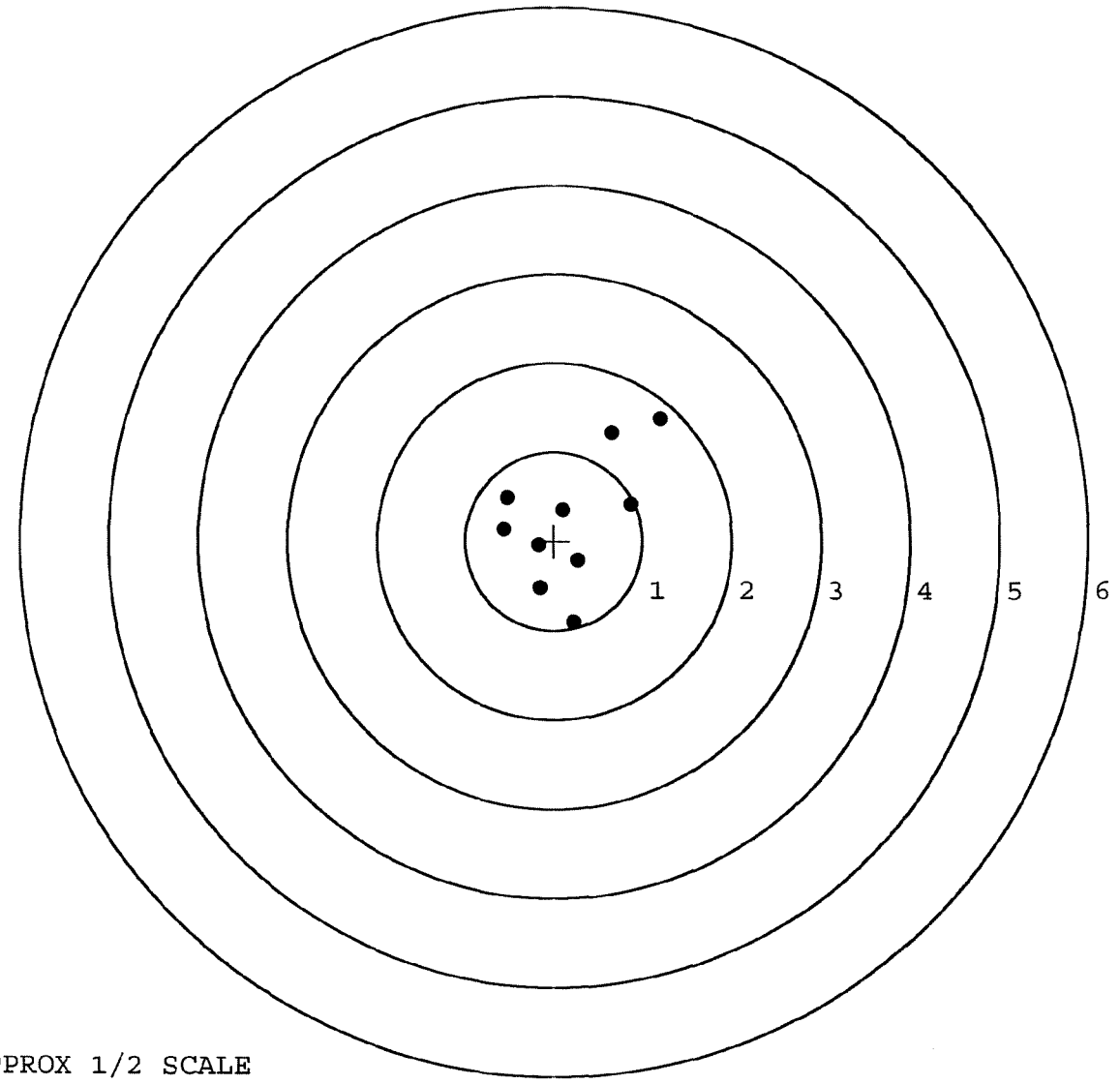


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587562.__0
TARGET NUMBER: 3
FILE DATE: 11/01/2007
FILE TIME: 21:45

X CENTROID:	0.192
Y CENTROID:	0.226
POA TO CENTROID:	0.296
HORZ SPREAD:	1.771
VERT SPREAD:	2.284
GROUP SPREAD:	2.486
MIN RADIUS:	0.151
MAX RADIUS:	1.529
MEAN RADIUS:	0.791
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.532	0.493
2:	-0.565	0.138
3:	-0.170	-0.052
4:	-0.156	-0.533
5:	0.225	-0.914
6:	0.280	-0.226
7:	0.102	0.348
8:	0.868	0.418
9:	0.658	1.219
10:	1.206	1.370

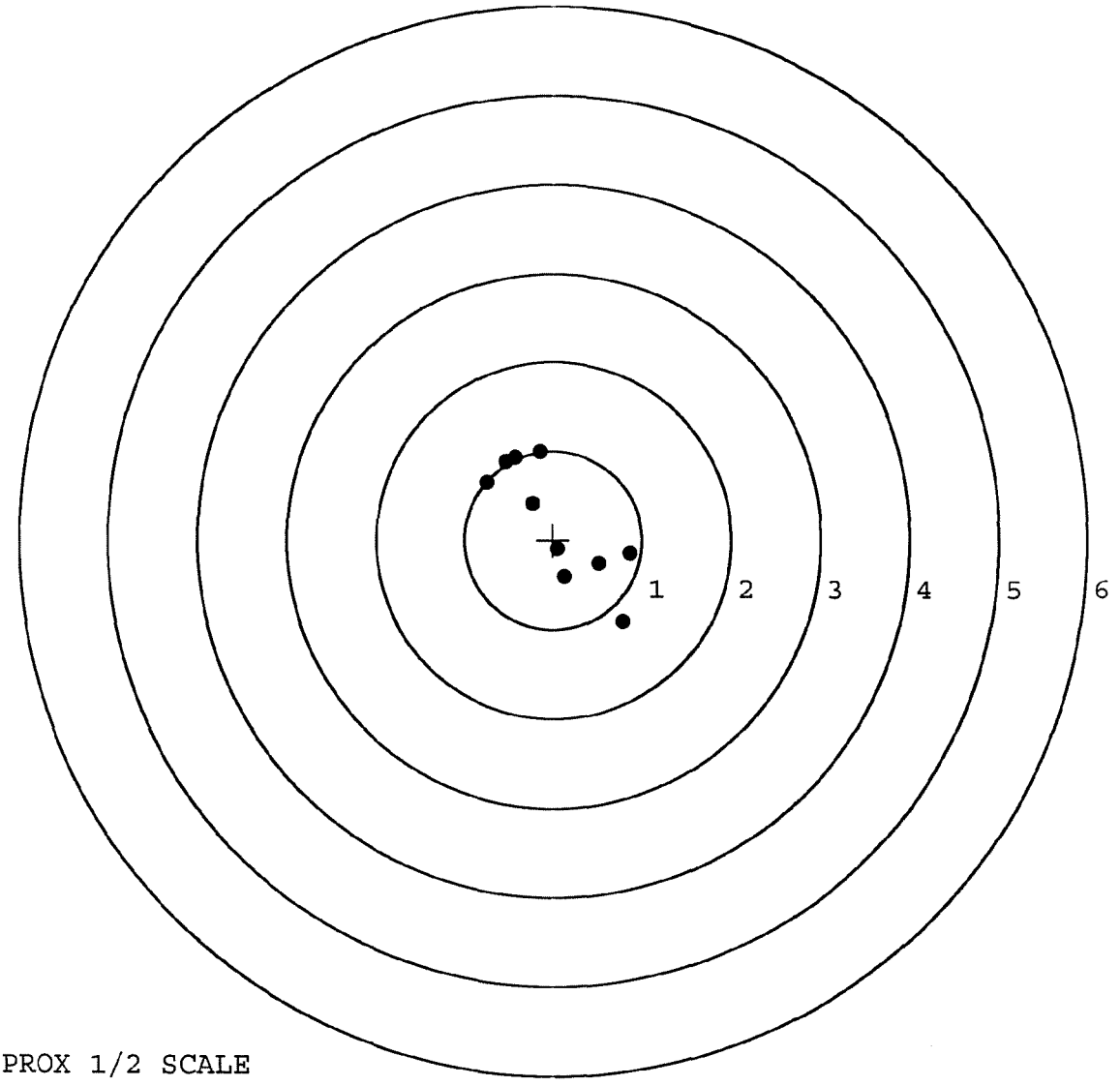


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587562.__0
TARGET NUMBER: 4
FILE DATE: 11/01/2007
FILE TIME: 21:45

X CENTROID:	0.025
Y CENTROID:	0.202
POA TO CENTROID:	0.204
HORZ SPREAD:	1.618
VERT SPREAD:	1.905
GROUP SPREAD:	2.230
MIN RADIUS:	0.308
MAX RADIUS:	1.350
MEAN RADIUS:	0.766
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.748	0.651
2:	-0.539	0.881
3:	-0.149	0.991
4:	-0.238	0.413
5:	0.047	-0.105
6:	0.132	-0.416
7:	0.517	-0.262
8:	0.870	-0.148
9:	0.784	-0.914
10:	-0.429	0.930

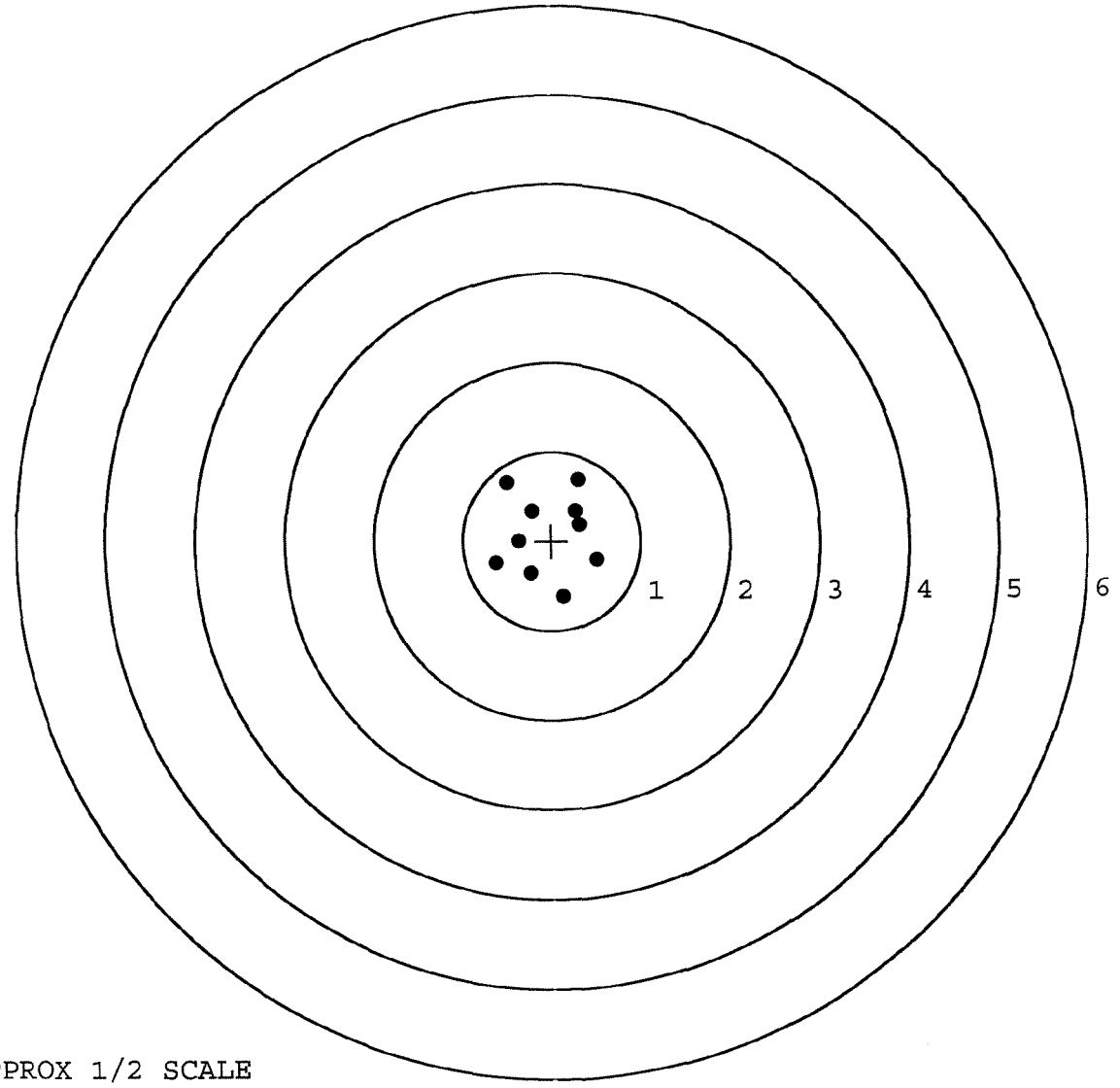


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587562.__0
TARGET NUMBER: 5
FILE DATE: 11/01/2007
FILE TIME: 21:45

X CENTROID:	-0.044
Y CENTROID:	0.075
POA TO CENTROID:	0.087
HORZ SPREAD:	1.142
VERT SPREAD:	1.307
GROUP SPREAD:	1.429
MIN RADIUS:	0.320
MAX RADIUS:	0.742
MEAN RADIUS:	0.538
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.505	0.656
2:	-0.225	0.339
3:	-0.370	-0.004
4:	-0.633	-0.246
5:	-0.238	-0.363
6:	0.127	-0.626
7:	0.509	-0.207
8:	0.314	0.185
9:	0.278	0.337
10:	0.306	0.681



TARGET APPROX 1/2 SCALE

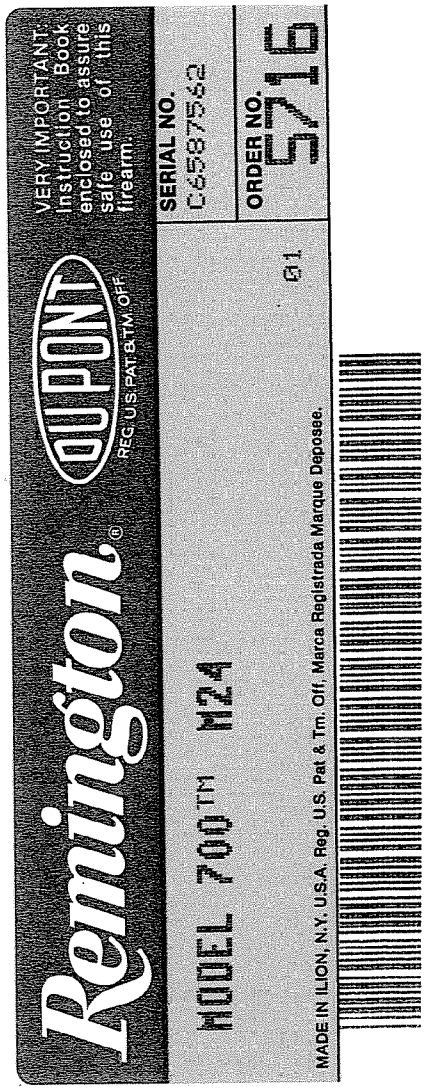
M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

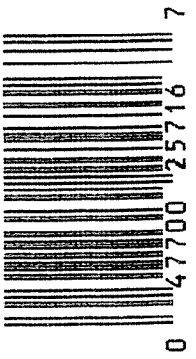
R & E NUMBER 135189

SERIAL NUMBER C6587562

LOG-IN DATE 10-10-07

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		10-15-07	RTC
505	RE-BARREL		10-16-07	RTC
560	ASSEMBLE		10-16-07	RTC
600	PROOF		10-17-07	TRW
605	CHECK HEADSPACE		10-17-07	TRW
610	DIS-ASSEMBLE GUN	MAGNA-FLUX OPERATOR JB	10-17-07	RTC
612	MAGNAFLUX		10-22-07	JB
510	DRILL AND TAP		10-17-07	TRW
615	ROLLMARK CALIBER		10-18-07	CW
618	ROTO-BLAST		10-22-07	[illegible]
620	APPLY COATINGS		10-25-07	[illegible]
625	FINAL ASSEMBLY		11-1-07	RTC
640	FUNCTION TEST AND	(PASS) FAIL	11/1/07	[illegible]
650	TARGET	(PASS) FAIL	11/1/07	[illegible]
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	11-1-07	SD
670	FINAL INSPECTION		11-19-07	QA
	A) HEADSPACE	(PASS) FAIL	11-19-07	QA
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.91 2.91 2.93 2.94 2.92	11-6-07	QA
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	4# 4# 3#	11-6-07	QA
	G) SAFETY OFF FORCE (2 LBS MIN)	2# 2# 2#	11-6-07	QA
	I) FIRING PIN INDENT (.020)	.022 .022 .022	11-6-07	QA
690	PACK		11-19-07	QA


Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700TM M24
SERIAL NO.
C6587562
ORDER NO.
516
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.
01
5716 C6587562


UPC
0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587562

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	RB
617	Drill and Tap Sight Holes		10/23/90	RB
618	Polish Barrel RB		10/24/90	RB
620	Apply Coatings (Barrel Action)		11-7-90	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/8/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/8/90	KS
	C) Inspect Ejector Hole for Chamfer		11/8/90	KS
	D) Oil Firing Pin Ass'y		11/8/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11-10 90	

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force	4.75 : 4.25 : 4.25	11-9-90	KJ
	G) Safety Off Force	2.75 : 2.75 : 2.75	11-9-90	KJ
	H) Trigger Pull Test & Retainability		11-10-90	
	I) Firing Pin Indent	.021 : .021 : .021	11-9-90	KJ
	J) Assemble Stock		11/19/90	KS
	K) Assemble Swivel Studs		11/19/90	
	L) Attach Front and Rear Sight Assemblies		11/19/90	KS
	M) Iron Sight Alignment		11/19/90	KS
	N) Detach Front & Rear Sights & place in numbered container		11/19/90	KS
	O) Attach Scope to Rifle		11/19/90	KS
	P) Detach & Attach Scope 20 Times		11/19/90	KS
640	Gallery Target & Test		11-13-90	KT
	A) Time		11-13-90	KT
	B) Malfunctions		11-13-90	KT
	C) Pierced Primers		11-13-90	KT
	D) Optical Clearity of Scope		11-13-90	KT
645	Inspect for Live Ammo		11-13-90	KT
655	Final Inspection A) Headspace		11/19/90	
	B) Trigger Pull	255 : 260 : 260 : 259 : 248	11/19/90	
	C) Function		11/19/90	
660	Pack		12-17-90	DH

SWS TRIGGER PULL TEST

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

SERIAL NO C6587562
DATE 11-10-90
TESTER

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.38	2.44	2.47	2.55	MIN. SETTING,
PULL #2	2.38	2.41	2.46	2.60	NO AVG. OF 5
PULL #3	2.41	2.47	2.46	2.60	READINGS ACCEPT-
PULL #4	2.39	2.26	2.48	2.59	ABLE LESS THAN 2#
PULL #5	2.38	2.44	2.46	2.48	
TOTAL	11.84	12.02	12.33		
AVG.	2.368	2.404	2.466		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.22		
PULL #2	3.25	3.26		
PULL #3	3.29	3.27		
PULL #4	3.30	3.32		
PULL #5	3.30	3.32		
TOTAL	16.46	16.39		
AVG.	3.292	3.278		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.36		4.45
PULL #2	4.37	4.41		4.46
PULL #3	4.39	4.38		4.43
PULL #4	4.41	4.40		4.50
PULL #5	4.42	4.42		4.45
TOTAL	21.98	21.97		22.29
AVG.	4.396	4.394		4.458

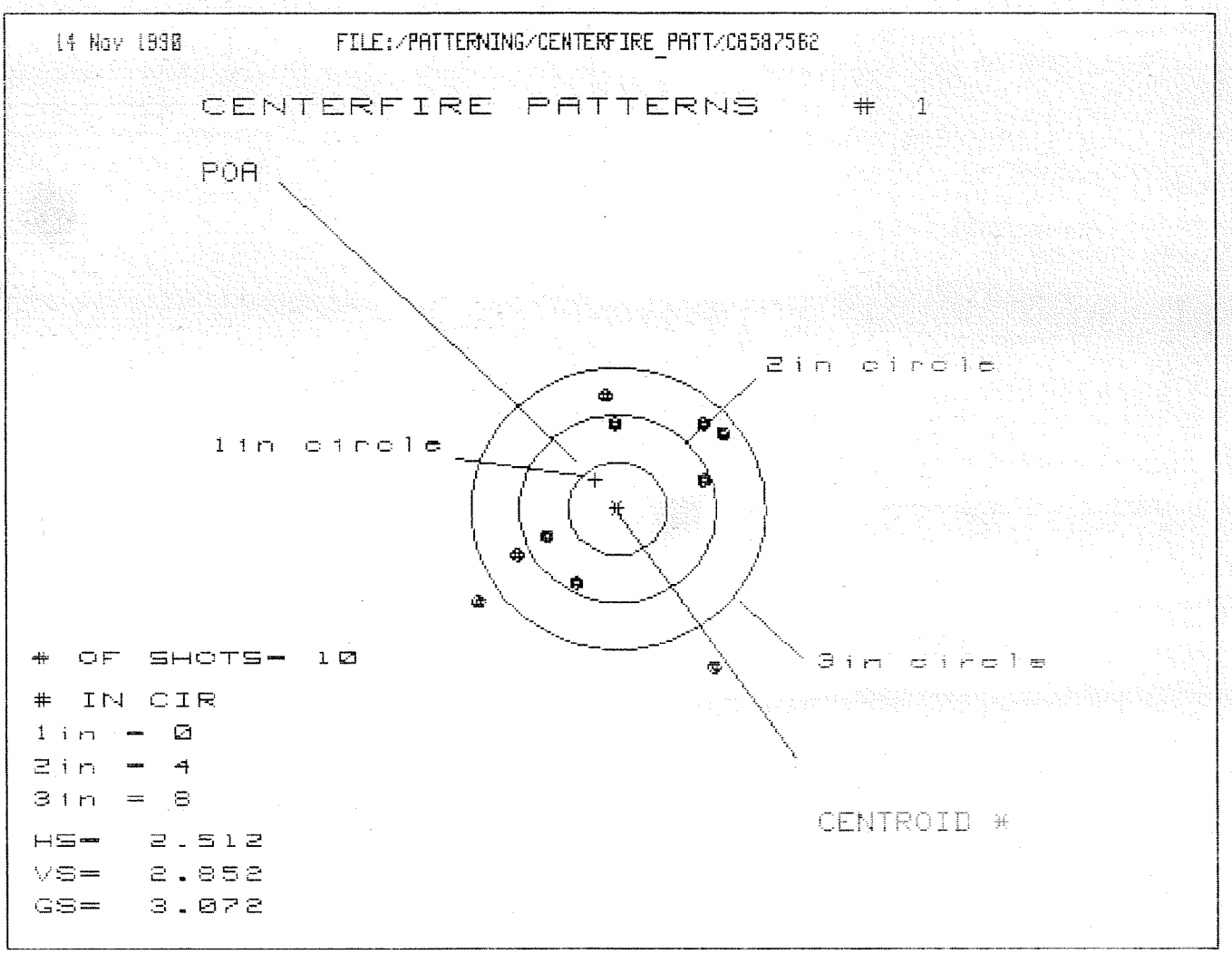
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587562
14 Nov 1990

CENTROIDAL DISTANCES

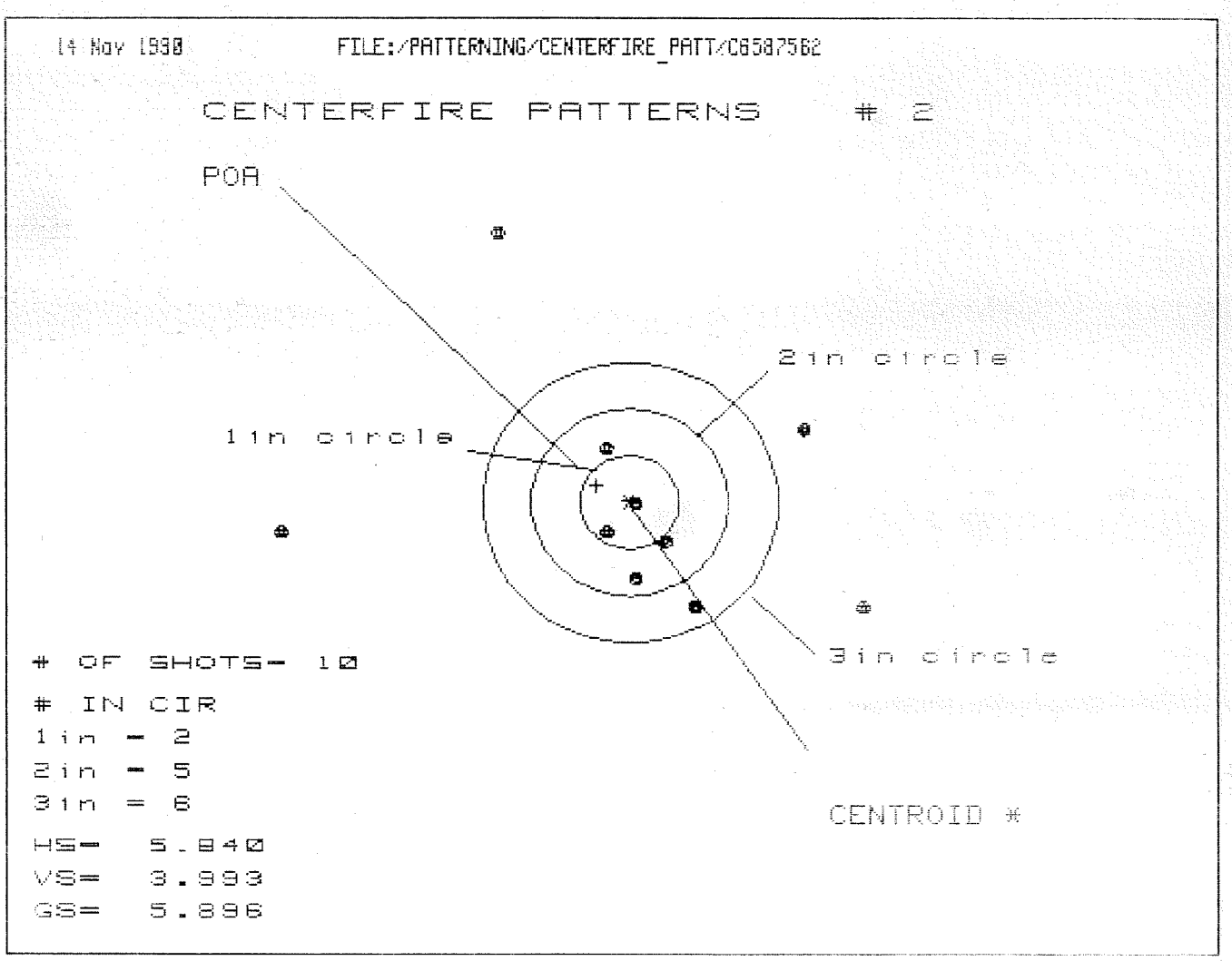
0	TO	1	.383635
1	TO	2	.169425
1	TO	3	.161199
1	TO	4	.566817
1	TO	5	.277397

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0662
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2074
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .217709

THE AMR FOR THIS RIFLE IS: 1.203



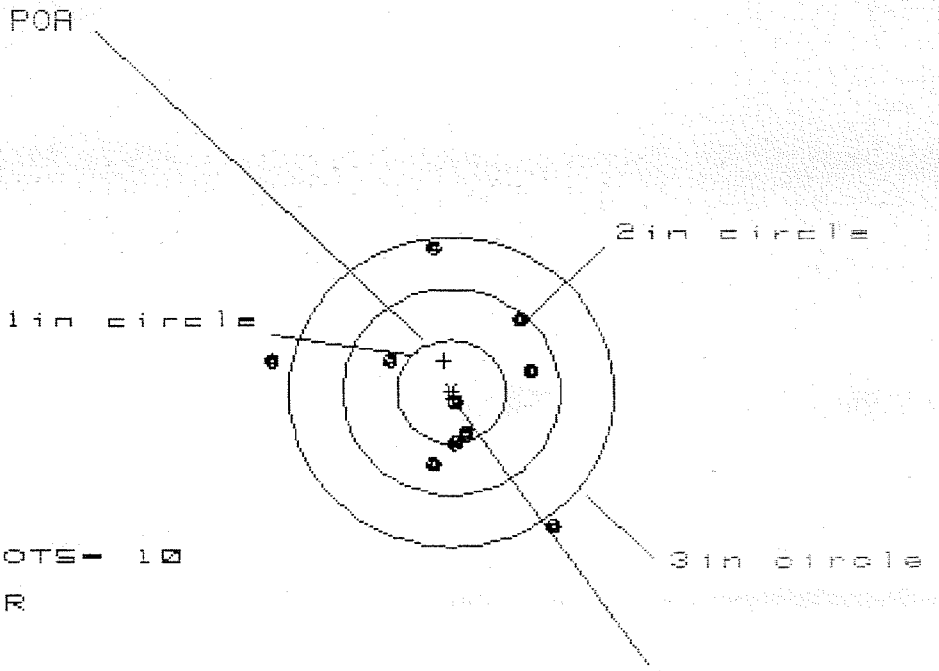
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.089	1.197	1.032
MINIMUM X	:	-1.423	-1.315	-1.127
MAXIMUM Y	:	1.201	1.018	.873
MINIMUM Y	:	-1.651	-1.158	-1.070
CENTROID X	:	.226	.118	.282
CENTROID Y	:	-.310	-.127	.018
POA TO CENTROID in.	:	.384	.173	.283
MIN RADIUS	:	.790	.704	.560
MEAN RADIUS	:	1.208	1.105	.993
MAX RADIUS	:	1.914	1.752	1.395
HORIZONTAL SPREAD	:	2.512	2.512	2.159
VERTICAL SPREAD	:	2.852	2.176	1.943
EXTREME SPREAD	:	3.072	3.072	2.515
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.351	1.963	1.748
MINIMUM X	:	-3.489	-1.717	-.831
MAXIMUM Y	:	2.833	2.799	1.073
MINIMUM Y	:	-1.160	-1.194	-.844
CENTROID X	:	.337	.725	.940
CENTROID Y	:	-.182	-.148	-.498
POA TO CENTROID in.	:	.383	.740	1.063
MIN RADIUS	:	.052	.337	.255
MEAN RADIUS	:	1.492	1.284	1.000
MAX RADIUS	:	3.502	3.284	1.922
HORIZONTAL SPREAD	:	5.840	3.680	2.579
VERTICAL SPREAD	:	3.993	3.993	1.917
EXTREME SPREAD	:	5.896	5.397	3.051
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		6	

14 Nov 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6507562

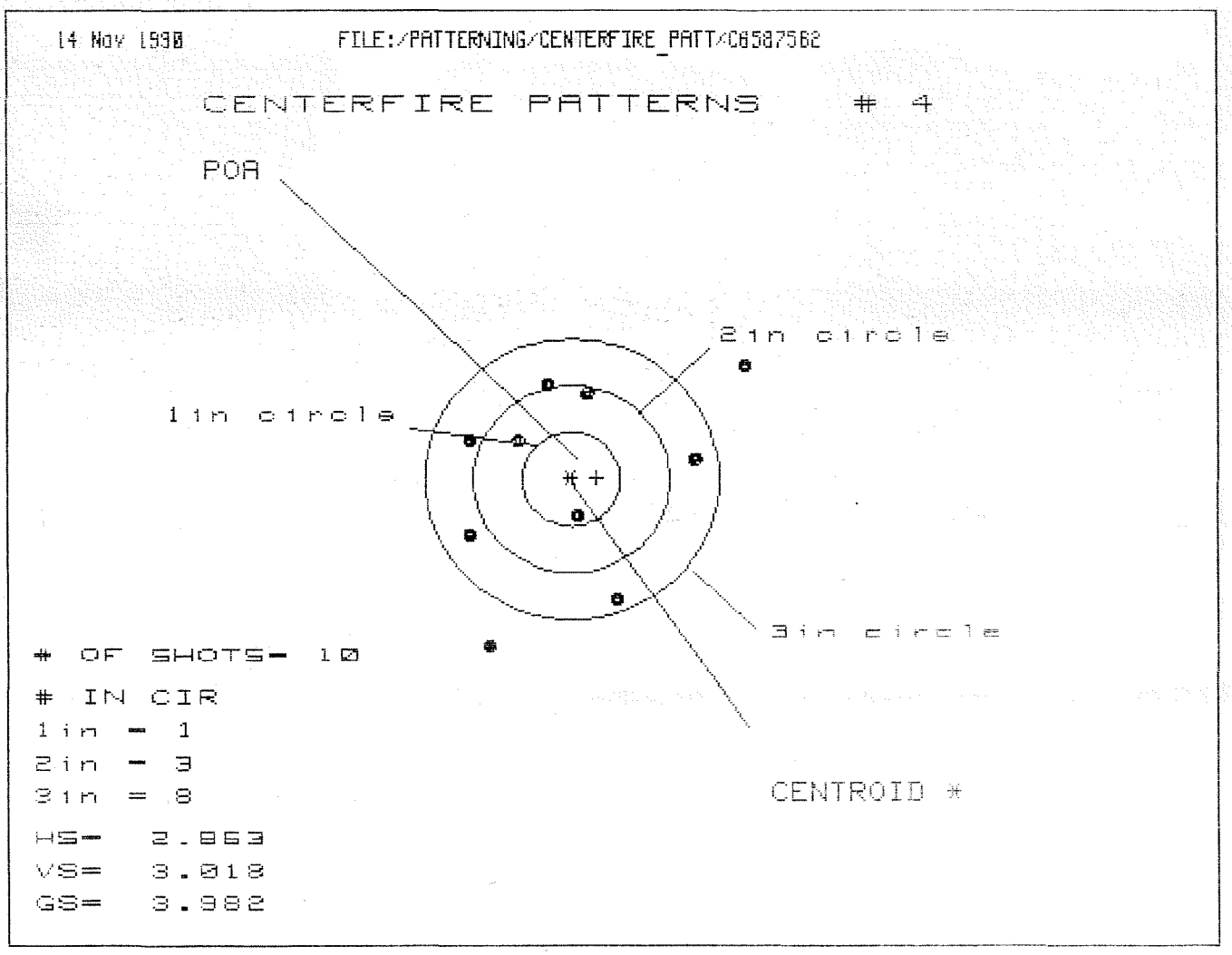
CENTERFIRE PATTERNS # 3



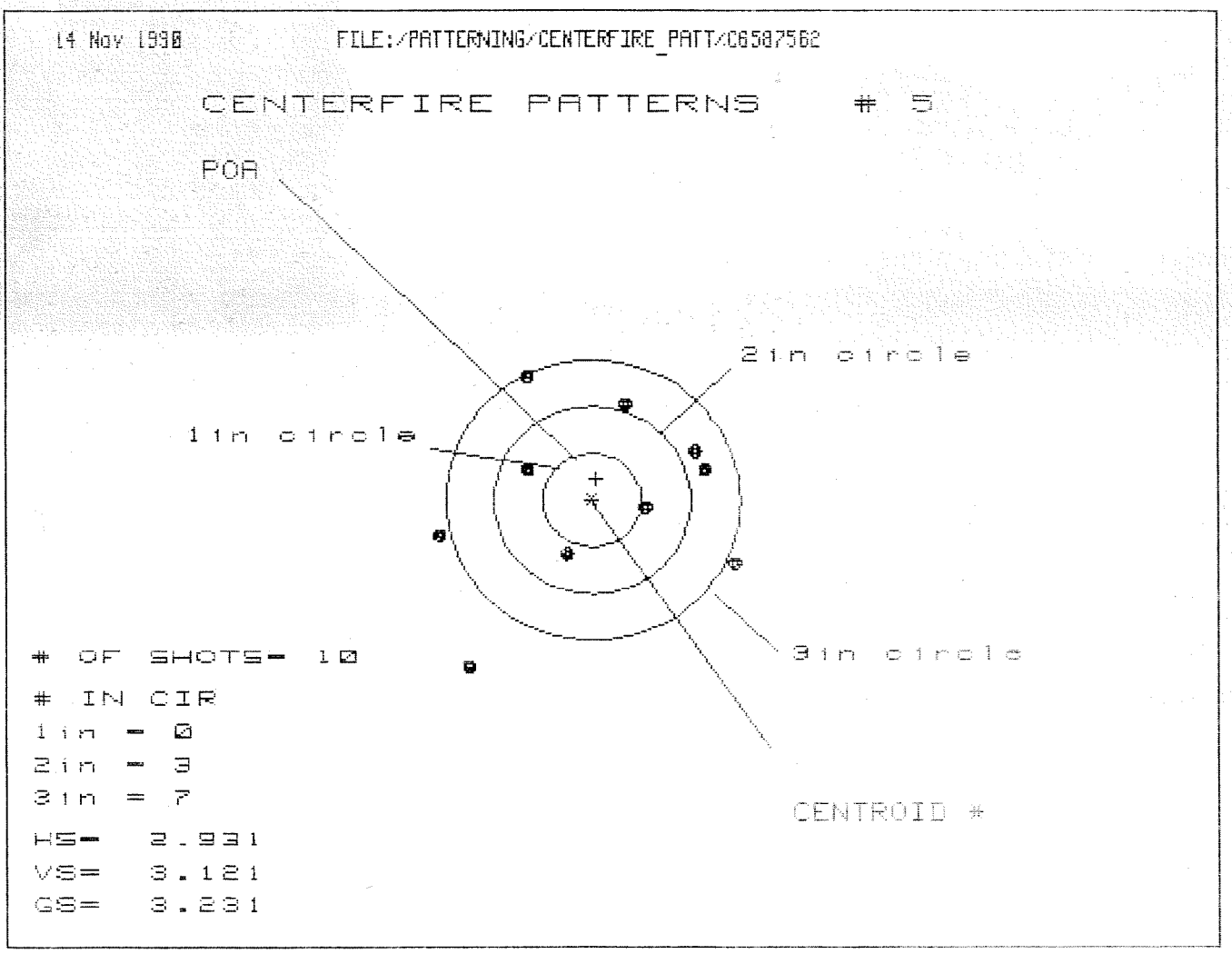
# OF SHOTS= 10
# IN CIR
1in = 2
2in = 7
3in = 8
HS= 2.620
VS= 2.702
GS= 3.056

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.966	.782	.603
MINIMUM X	:	-1.654	-.732	-.634
MAXIMUM Y	:	1.431	1.465	1.310
MINIMUM Y	:	-1.271	-1.237	-.841
CENTROID X	:	.065	.249	.151
CENTROID Y	:	-.302	-.336	-.181
POA TO CENTROID in.	:	.309	.418	.236
MIN RADIUS	:	.099	.110	.183
MEAN RADIUS	:	.885	.781	.710
MAX RADIUS	:	1.681	1.507	1.335
HORIZONTAL SPREAD	:	2.620	1.514	1.237
VERTICAL SPREAD	:	2.702	2.702	2.151
EXTREME SPREAD	:	3.056	2.930	2.152

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 7
NUMBER IN THREE INCH CIRCLE = 8



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.779	1.500	1.423
MINIMUM X	:	-1.084	-.887	-.964
MAXIMUM Y	:	1.186	1.159	.946
MINIMUM Y	:	-1.832	-1.700	-1.390
CENTROID X	:	-.258	-.455	-.378
CENTROID Y	:	-.015	-.147	.066
POA TO CENTROID in.	:	.258	.479	.383
MIN RADIUS	:	.405	.384	.518
MEAN RADIUS	:	1.226	1.108	.995
MAX RADIUS	:	2.138	1.810	1.523
HORIZONTAL SPREAD	:	2.863	2.387	2.387
VERTICAL SPREAD	:	3.018	2.859	2.336
EXTREME SPREAD	:	3.982	2.942	2.512
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN # : 5

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.400	1.261	1.052
MINIMUM X	:	-1.531	-1.670	-1.048
MAXIMUM Y	:	1.355	1.158	1.089
MINIMUM Y	:	-1.766	-.900	-.969
CENTROID X	:	-.039	.100	.309
CENTROID Y	:	-.228	-.031	.037
POA TO CENTROID in.	:	.231	.105	.312
MIN RADIUS	:	.526	.460	.367
MEAN RADIUS	:	1.205	1.067	.944
MAX RADIUS	:	2.168	1.759	1.472
HORIZONTAL SPREAD	:	2.931	2.931	2.100
VERTICAL SPREAD	:	3.121	2.058	2.058
EXTREME SPREAD	:	3.231	2.952	2.098

NUMBER IN ONE INCH CIRCLE = 0
NUMBER IN TWO INCH CIRCLE = 3
NUMBER IN THREE INCH CIRCLE = 7