

C6587523

MODEL 700TM M24

Model **SMS** TM

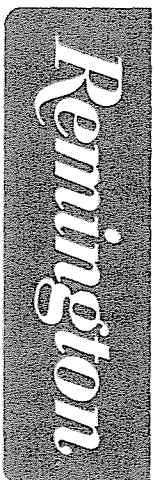
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Serial Number: C6587523

Model: 700



RE00076016

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587523.___0
FILE DATE AND TIME: 02/04/2004 07:50

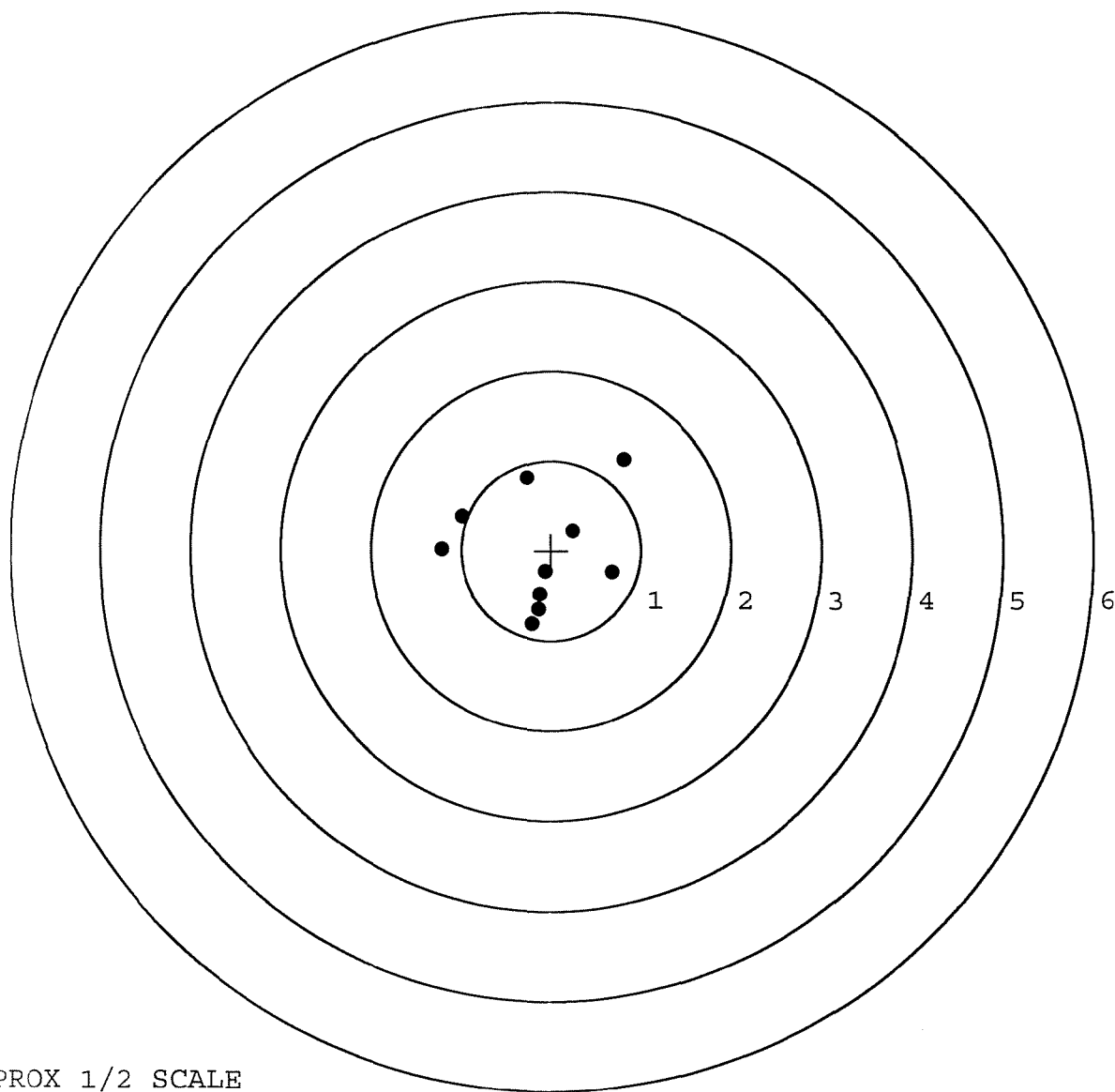
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.130
The Average Y Centroid of the Five Target Set:	0.024
The Average Point of Impact of the Five Target Set:	0.132
The Average Mean Radius of the Five Target Set:	0.610
The Distance from POA to Centroid Target #1:	0.128
The Distance from Centroid Target #2 to Centroid Target #1:	0.101
The Distance from Centroid Target #3 to Centroid Target #1:	0.086
The Distance from Centroid Target #4 to Centroid Target #1:	0.139
The Distance from Centroid Target #5 to Centroid Target #1:	0.095

SERIAL NUMBER: C6587523. __0
TARGET NUMBER: 1
FILE DATE: 02/04/2004
FILE TIME: 07:50

X CENTROID: -0.128
Y CENTROID: -0.001
POA TO CENTROID: 0.128
HORZ SPREAD: 2.035
VERT SPREAD: 1.828
GROUP SPREAD: 2.265
MIN RADIUS: 0.242
MAX RADIUS: 1.386
MEAN RADIUS: 0.771
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.684	-0.241
2:	0.240	0.216
3:	0.820	1.010
4:	-0.269	0.808
5:	-0.989	0.378
6:	-1.215	0.015
7:	-0.073	-0.237
8:	-0.123	-0.487
9:	-0.138	-0.656
10:	-0.212	-0.818

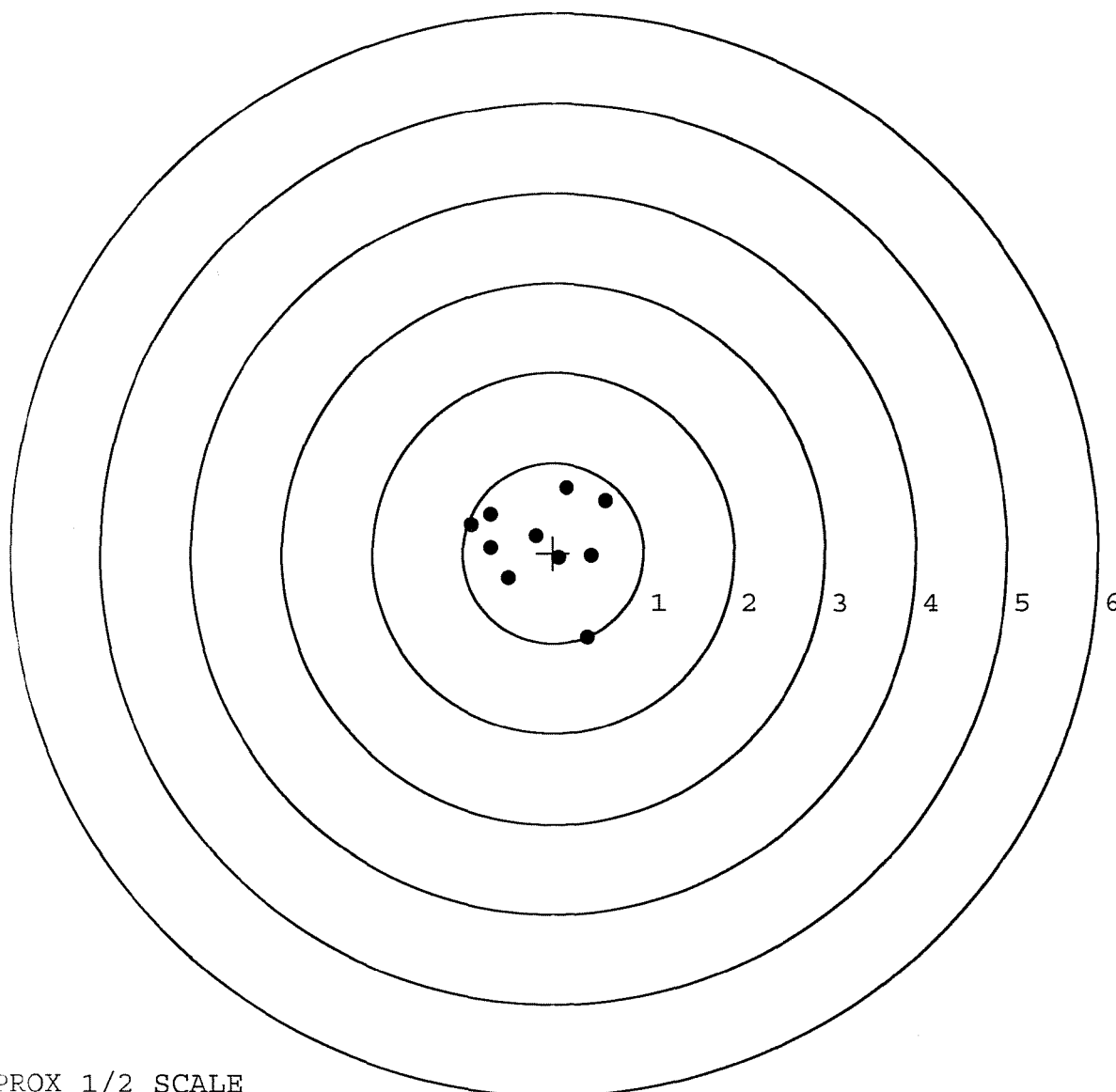


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587523. __0
TARGET NUMBER: 2
FILE DATE: 02/04/2004
FILE TIME: 07:50

X CENTROID: -0.138
Y CENTROID: 0.099
POA TO CENTROID: 0.170
HORZ SPREAD: 1.491
VERT SPREAD: 1.655
GROUP SPREAD: 1.798
MIN RADIUS: 0.106
MAX RADIUS: 1.161
MEAN RADIUS: 0.618
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.381	-0.939
2:	0.433	-0.029
3:	0.584	0.579
4:	0.147	0.716
5:	0.062	-0.058
6:	-0.195	0.188
7:	-0.499	-0.278
8:	-0.695	0.065
9:	-0.907	0.316
10:	-0.695	0.429

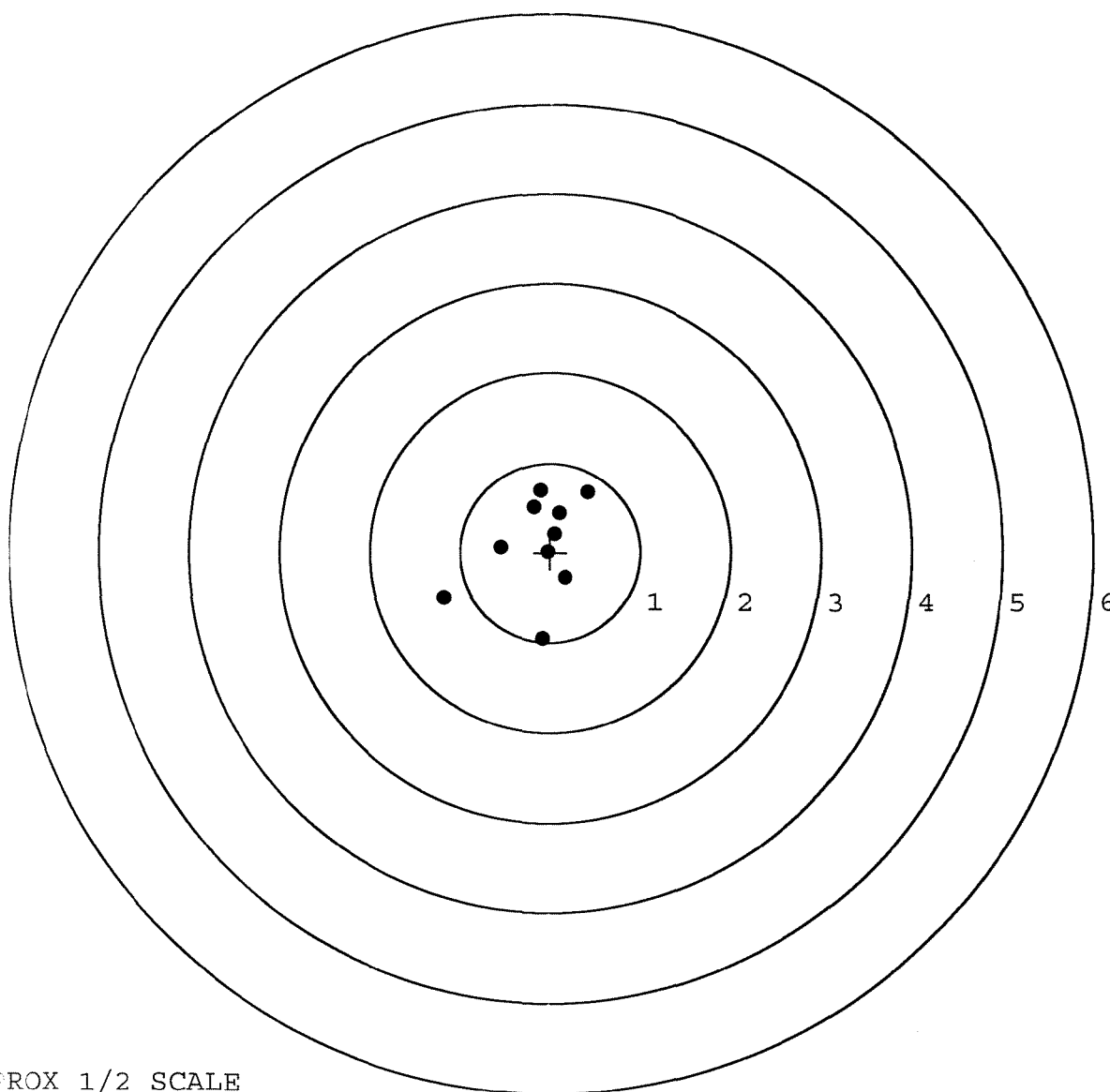


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587523. 0
TARGET NUMBER: 3
FILE DATE: 02/04/2004
FILE TIME: 07:50

X CENTROID: -0.138
Y CENTROID: 0.084
POA TO CENTROID: 0.162
HORZ SPREAD: 1.603
VERT SPREAD: 1.659
GROUP SPREAD: 1.998
MIN RADIUS: 0.135
MAX RADIUS: 1.200
MEAN RADIUS: 0.580
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.080	-0.965
2:	-1.179	-0.513
3:	-0.552	0.054
4:	0.424	0.680
5:	-0.110	0.694
6:	-0.183	0.510
7:	0.105	0.445
8:	0.050	0.209
9:	-0.027	0.008
10:	0.168	-0.280

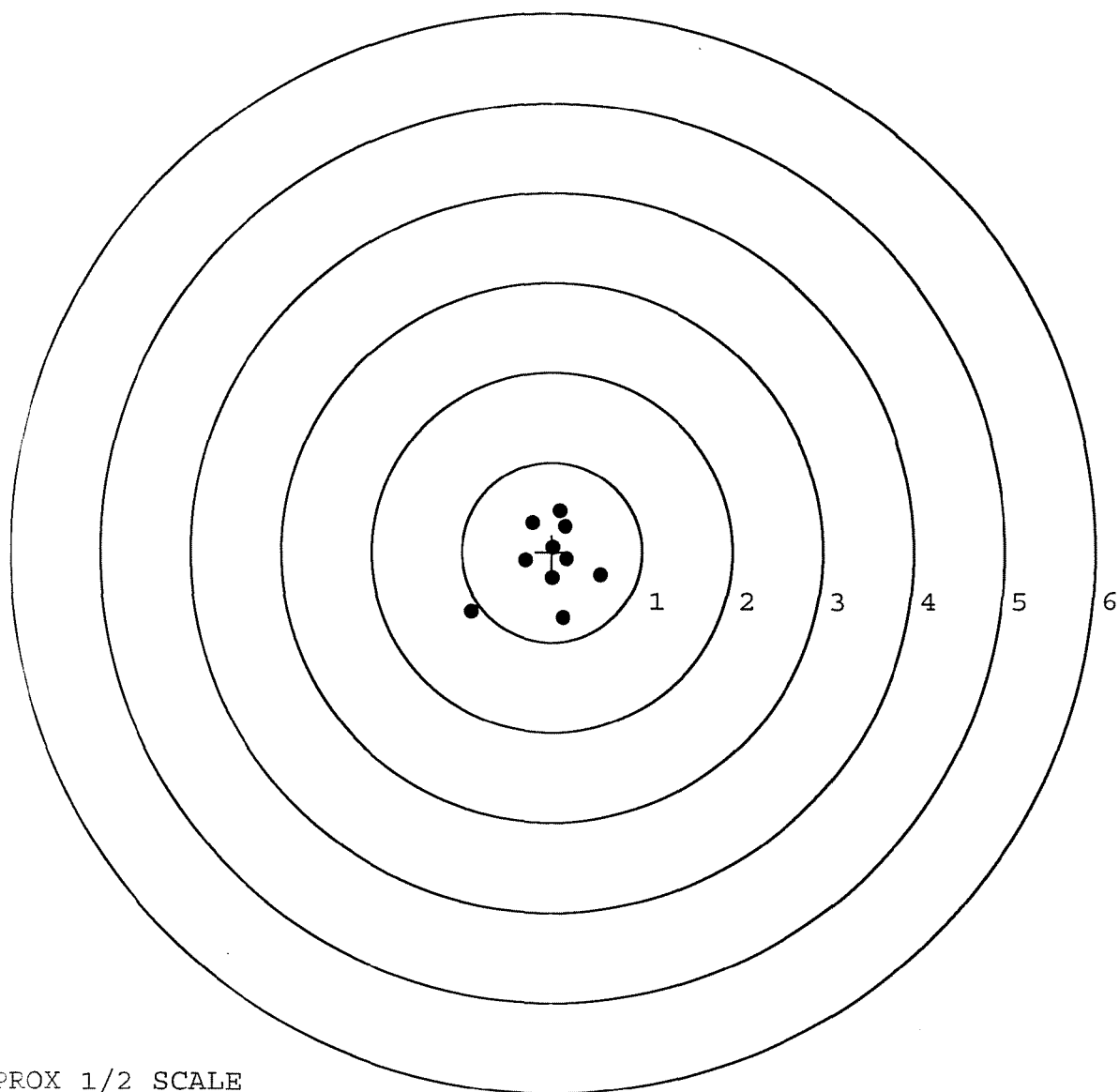


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587523. __0
TARGET NUMBER: 4
FILE DATE: 02/04/2004
FILE TIME: 07:50

X CENTROID: -0.032
Y CENTROID: -0.103
POA TO CENTROID: 0.107
HORZ SPREAD: 1.430
VERT SPREAD: 1.194
GROUP SPREAD: 1.492
MIN RADIUS: 0.156
MAX RADIUS: 1.028
MEAN RADIUS: 0.455
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.888	-0.671
2:	0.129	-0.735
3:	0.542	-0.263
4:	0.087	0.459
5:	-0.215	0.326
6:	-0.298	-0.097
7:	0.148	0.281
8:	0.161	-0.084
9:	0.005	-0.289
10:	0.011	0.048

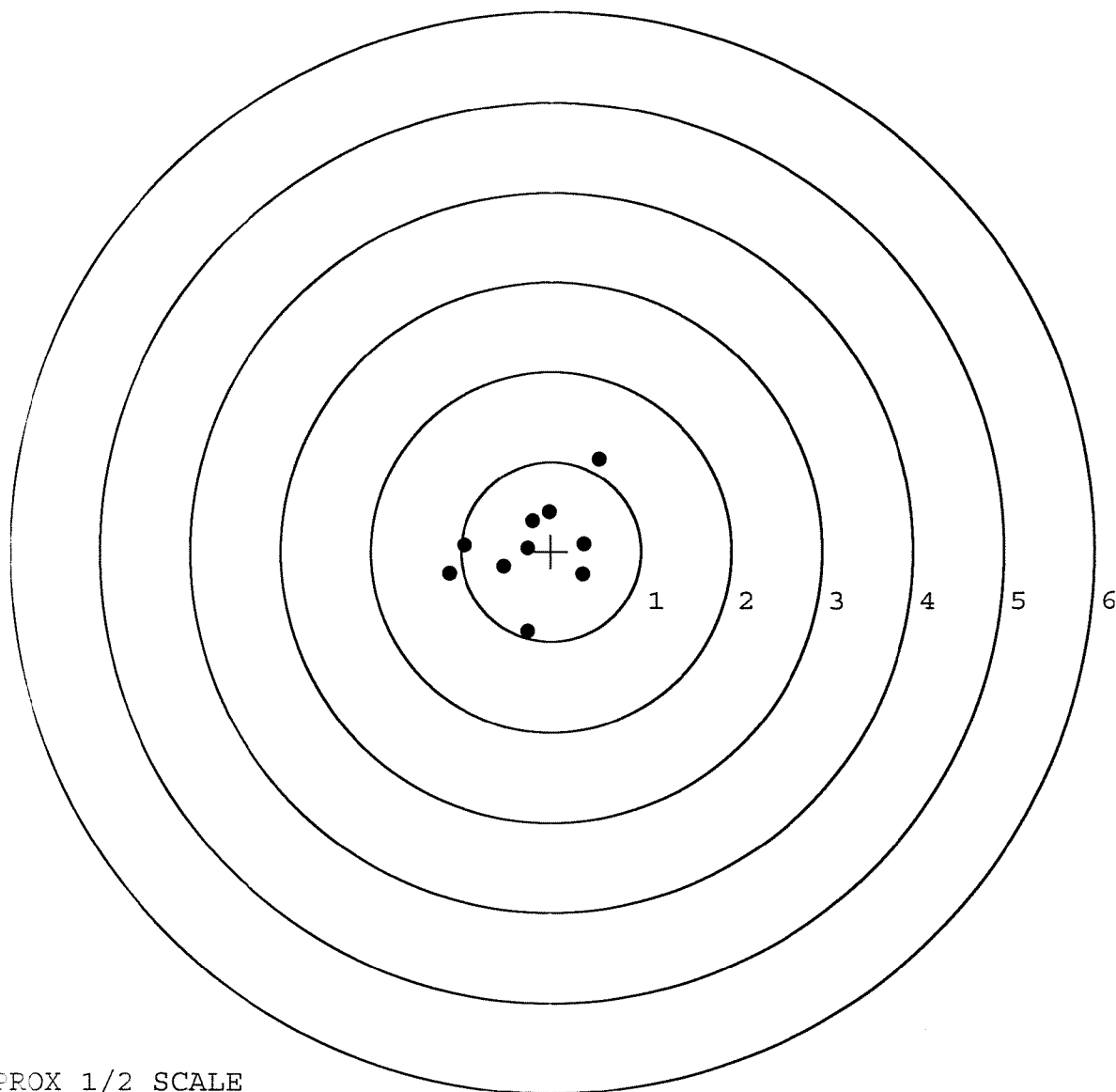


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587523. 0
TARGET NUMBER: 5
FILE DATE: 02/04/2004
FILE TIME: 07:50

X CENTROID: -0.212
Y CENTROID: 0.041
POA TO CENTROID: 0.216
HORZ SPREAD: 1.664
VERT SPREAD: 1.925
GROUP SPREAD: 2.101
MIN RADIUS: 0.054
MAX RADIUS: 1.240
MEAN RADIUS: 0.629
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.127	-0.252
2:	-0.966	0.070
3:	-0.532	-0.172
4:	-0.266	0.037
5:	-0.208	0.337
6:	-0.020	0.434
7:	0.368	0.081
8:	0.357	-0.256
9:	-0.266	-0.895
10:	0.537	1.030



TARGET APPROX 1/2 SCALE

R & E NUMBER	76016		
SERIAL NUMBER	C6587523		
LOG-IN DATE	1-21-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-21-04	RTL
560 A	RE-BARREL	1-22-04	RTL
B	DRILL AND TAP	1-23-04	TRW
575	ASSEMBLE	1-22-04	RTL
600	PROOF	1-22-04	RW
605	CHECK HEADSPACE	1-22-04	RW
610	DIS-ASSEMBLE GUN	1-22-04	RW
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	1/27/04	BS
618	ROTO-BLAST	1/27/2004	Dons.
620	APPLY COATINGS	1-29	TA
625 A	FINAL ASSEMBLY	2-2-04	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	2-4-04	AC
655	FINAL INSPECT	2-5-04	RTL
660	PACK	2-16-04	QA
		SHIP DATE	
QAR INSPECTION DATE			

ERAGE 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

1-21-04

TESTER

CD

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.27	2.77		2.28	
PULL #2	2.41	2.47		2.38	
PULL #3	2.62	2.54		2.46	
PULL #4	2.61	2.49		2.66	
PULL #5	2.71	2.69		2.70	
TOTAL	12.62	12.96		12.48	
AVERAGE	2.52	2.59		2.50	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	2.96	3.56		
PULL #2	3.27	3.45		
PULL #3	3.44	3.66		
PULL #4	3.45	3.45		
PULL #5	3.51	3.60		
TOTAL	16.63	17.72		
AVERAGE	3.33	3.54		

	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	4.20	3.85		4.37
PULL #2	4.23	4.15		4.71
PULL #3	4.30	3.71		4.62
PULL #4	4.30	4.36		4.76
PULL #5	4.29	4.39		4.59
TOTAL	21.32	20.46		23.05
AVERAGE	4.26	4.09		4.61

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG			PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)
SECTION I - CUSTOMER DATA			SECTION II - MAINTENANCE ACTIVITY DATA		
1a. UIC CUSTOMER 44PRTIC8	1b. CUSTOMER UNIT NAME HHC1-161	1c. PHONE NO 258-76469	3a. WORK ORDER NUMBER (WON) 40090005	3b. SHOP	3c. PHONE NO
2a. SAMS-2 UIC/SAMS-I/TDA	2b. UTILIZATION CODE	2c. MCSR	4a. UIC SUPPORT UNIT	4b. SUPPORT UNIT NAME	
SECTION III - EQUIPMENT DATA					
5. TYPE MNT REQ CODE	6. ID	7. NSN 1005912402136	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751		
8. MODEL M24	RIFLE		15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751		16. MILES/KILOMETERS/HOURS/ROUNDS M K H R
9. NOUN RIFLE 7.62mm SNEDESR	M24				
10a. ORG WON/DOC NO	10b. EIC				
11. SERIAL NUMBER 6687523	12. QTY 1	13. PD	17. PROJECT CODE (if assigned)	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (enter Y or N)
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)			20. ADMIN NO		
			21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)		
			22. LEVEL OF WORK		
			23. SIGNATURE		
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs) SCOPE ELEVATION 100-100 + 1 CLICK MOVES ROUND 3 IN at 100 m temp 20-30° F.					
25. REMARKS Tech INSP REPAIR AS NEEDED (RETURN DOC # 40090006)					
PREPARATION INSTRUCTIONS FOR THIS PAGE					
SECTION I			SECTION III (Cont'd)		
Block 1a. Enter UIC of submitting organization. Block 1b. Enter name of submitting organization. Block 1c. Enter number to be called when maint. is completed. Block 2a. Enter UIC of supporting SAMS-2/SAMS-I/TDA if work is requested while intransit and away from your support maintenance unit. Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751. Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank.			Block 12. Enter the quantity of items being submitted. Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1. Block 14. For DSU, GSU/AVIM, DEPOT use. Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751. Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751. Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting. Block 17. Enter the project code if one has been assigned. If not, leave blank. Block 18. See DA Pamphlets 738-750 and 738-751. Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty. Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted. Block 21. For DSU/GSU/AVIM/Depot use. Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act. Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank. Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint. Block 25. Self-explanatory.		
SECTION II					
Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT.					
SECTION III					
Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751. Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751. Block 7. Enter the NSN or stock number of the item being submitted. Block 8. Enter model of item being submitted. Block 9. Enter noun/nomenclature of item being submitted. Block 10a. Enter Work Order Number (WON)/DOC NO assigned when item is submitted. Otherwise, leave blank. Block 10b. Enter End Item Code. See AMDF. Block 11. Enter serial number of item being submitted.					
34a. SUBMITTED BY	35a. ACCEPTED BY	35c. DATE	Block 34a. Enter first initial and last name of submitter. Block 34b. Enter ordinal date submitted (YYDDD). Block 35a. Enter first initial and last name of person accepting maint. request. Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751. Block 35c. Enter ordinal date accepted (YYDDD). Block 35d. Enter military time.		
34b. DATE	35b. STATUS	35d. TIME			

Remington [®]		DU PONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700TM H24		SERIAL NO. C6587523	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		01	
 5716 C6587523			

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587523

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1023	90	RW
600	Proof	1023	90	RW
607	Check Headspace	1023	90	RW
610	Dis-assemble Gun	1023	90	RW
612	Magnaflux Barrel Action		10/24/90	KR
	Magnaflux Bolt		10/24/90	KR
615	Rollmark Caliber		11	JS
617	Drill and Tap Sight Holes		10/25/90	WB
618	Polish Barrel RB		10/26/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/90	RW
	C) Inspect Ejector Hole for Chamfer		11/12/90	RW
	D) Oil Firing Pin Ass'y		11/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-16-90	JS

op. #	OP. NAME	READINGS				DATE	INIT
625 cont.	F) Safety On Force	5	5	5		11/16/90	WB
	G) Safety Off Force	3	3	3		11/16/90	WB
	H) Trigger Pull Test & Retainability					11/16/90	JH
	I) Firing Pin Indent	.0275	.023	.0225		11/16/90	WB
	J) Assemble Stock					11/17/90	RW
	K) Assemble Swivel Studs					11-27-90	JDS
	L) Attach Front and Rear Sight Assemblies					11/17/90	RW
	M) Iron Sight Alignment					11/17/90	RW
	N) Detach Front & Rear Sights & place in numbered container					11/17/90	RW
	O) Attach Scope to Rifle					11/17/90	RW
	P) Detach & Attach Scope 20 Times					11/17/90	RW
640	Gallery Target & Test					11-28-90	AC
	A) Time					11-28-90	AC
	B) Malfunctions					11-28-90	AC
	C) Pierced Primers					11-28-90	AC
	D) Optical Clarity of Scope					11-28-90	AC
645	Inspect for Live Ammo					11-28-90	AC
655	Final Inspection						
	A) Headspace					11-27-90	JDS
	B) Trigger Pull	2.22	2.19	2.19	2.17	11-27-90	JDS
	C) Function					11-27-90	JDS
660	Pack					12-19-90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6587623

DATE 11-16-90

TESTER JA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.24	2.21	2.24	2.22	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.32	2.30	2.30	2.19	
PULL #3	2.25	2.24	2.31	2.19	
PULL #4	2.26	2.31	2.31	2.19	
PULL #5	2.22	2.24	2.24	2.17	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.47	3.22		
PULL #2	3.49	3.25		
PULL #3	3.24	3.28		
PULL #4	3.31	3.25		
PULL #5	3.30	3.26		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.46		4.38
PULL #2	4.15	4.48		4.43
PULL #3	4.48	4.45		4.41
PULL #4	4.44	4.44		4.24
PULL #5	4.45	4.35		4.37
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587523
27 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.17147
1 TO	2	.356786
1 TO	3	.299827
1 TO	4	.600454
1 TO	5	.137525

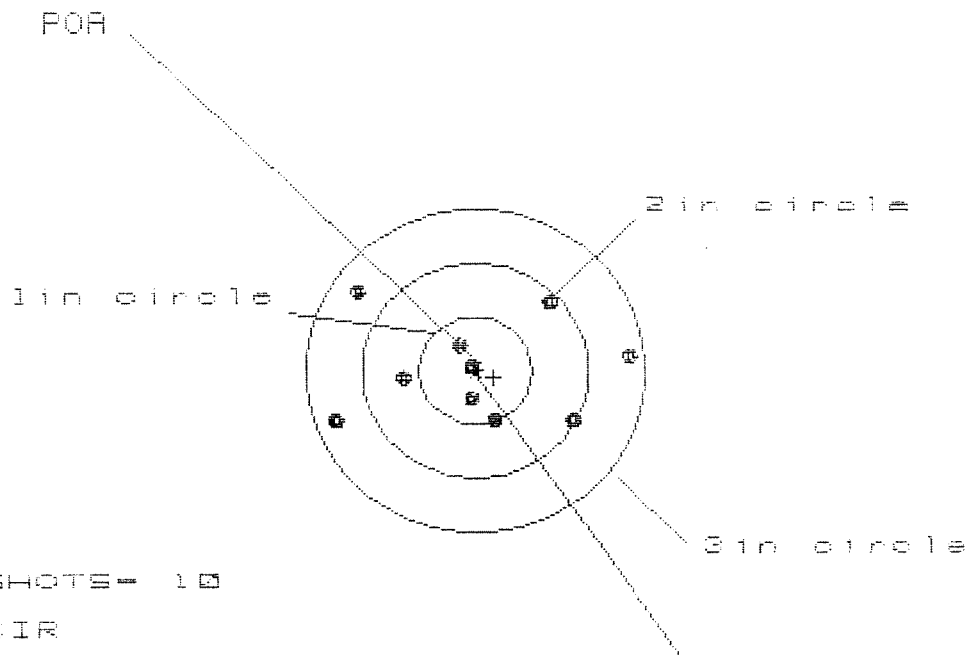
$\frac{S}{\sum E_i}$ <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0502
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1102
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .121095
THE AMR FOR THIS RIFLE IS: .9218

26 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08587523

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 10

HS= 2.579

VS= 1.252

GS= 2.631

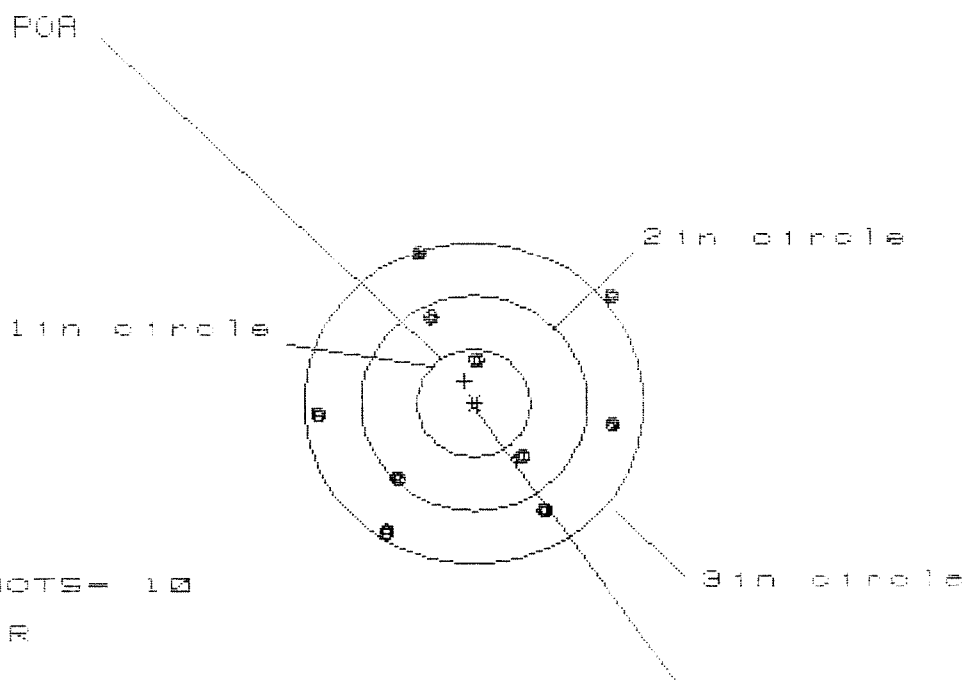
CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.344	1.039	.904
MINIMUM X	:	-1.235	-1.086	-1.016
MAXIMUM Y	:	.756	.766	.714
MINIMUM Y	:	-.496	-.486	-.538
CENTROID X	:	-.161	-.310	-.175
CENTROID Y	:	.059	.049	.101
POA TO CENTROID in.	:	.172	.314	.202
MIN RADIUS	:	.023	.128	.051
MEAN RADIUS	:	.756	.691	.618
MAX RADIUS	:	1.347	1.167	1.242
HORIZONTAL SPREAD	:	2.579	2.125	1.926
VERTICAL SPREAD	:	1.252	1.252	1.252
EXTREME SPREAD	:	2.631	2.283	2.283
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

26 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08587523

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 9

HS= 2.609

VS= 2.536

GS= 2.960

CENTROID #

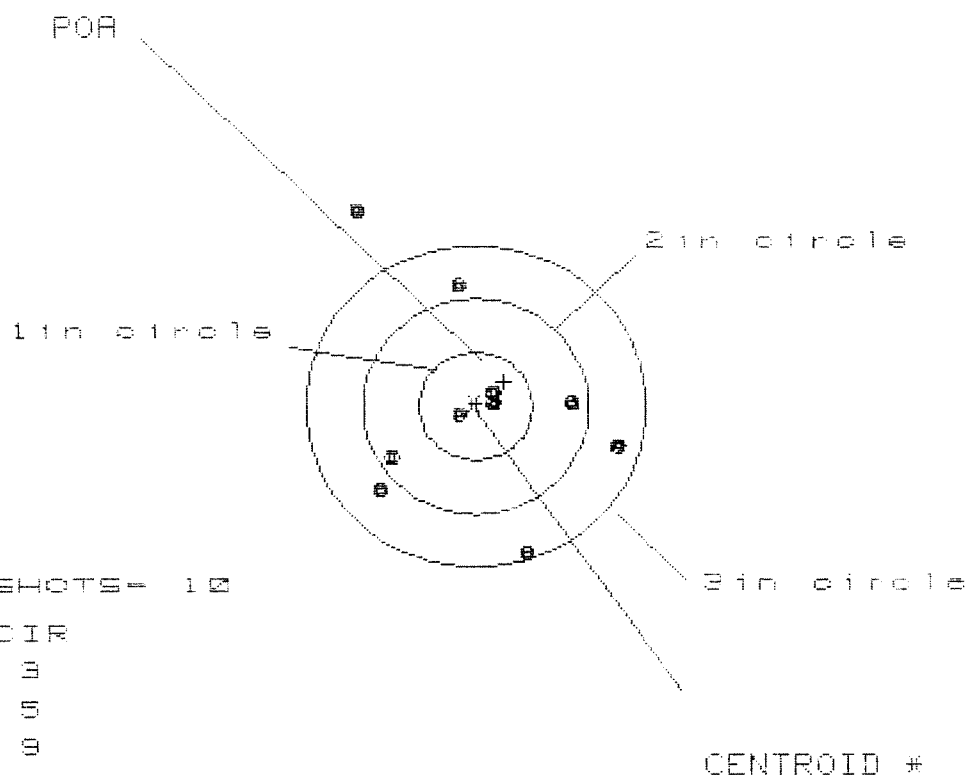
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.251	1.342	1.303
MINIMUM X	:	-1.358	-1.220	-1.258
MAXIMUM Y	:	1.373	1.485	1.139
MINIMUM Y	:	-1.163	-1.051	-0.866
CENTROID X	:	.079	-.059	-.021
CENTROID Y	:	-.205	-.317	-.502
FOR TO CENTROID in.	:	.220	.322	.503
MIN RADIUS	:	.372	.506	.590
MEAN RADIUS	:	1.109	1.049	.975
MAX RADIUS	:	1.602	1.517	1.310
HORIZONTAL SPREAD	:	2.609	2.562	2.562
VERTICAL SPREAD	:	2.536	2.536	2.005
EXTREME SPREAD	:	2.960	2.602	2.564
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			9	

28 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/05587523

CENTERFIRE PATTERNS

3



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 9

HS= 2.300

VS= 3.224

GS= 3.558

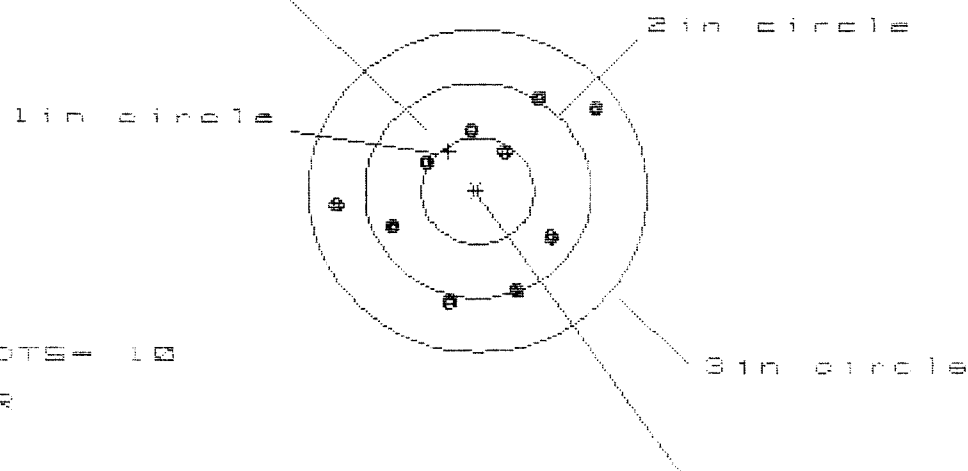
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.241	1.124	1.165
MINIMUM X	:	-1.059	-.928	-.887
MAXIMUM Y	:	1.869	1.286	1.143
MINIMUM Y	:	-1.355	-1.147	-.735
CENTROID X	:	-.251	-.134	-.175
CENTROID Y	:	-.227	-.435	-.292
POA TO CENTROID in.	:	.339	.455	.340
MIN RADIUS	:	.127	.253	.148
MEAN RADIUS	:	.935	.809	.721
MAX RADIUS	:	2.148	1.307	1.210
HORIZONTAL SPREAD	:	2.300	2.052	2.052
VERTICAL SPREAD	:	3.224	2.433	1.878
EXTREME SPREAD	:	3.558	2.496	2.092
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

26 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587523

CENTERFIRE PATTERNS # 4

FOR



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 10

HS= 2.302

VS= 1.899

GS= 2.479

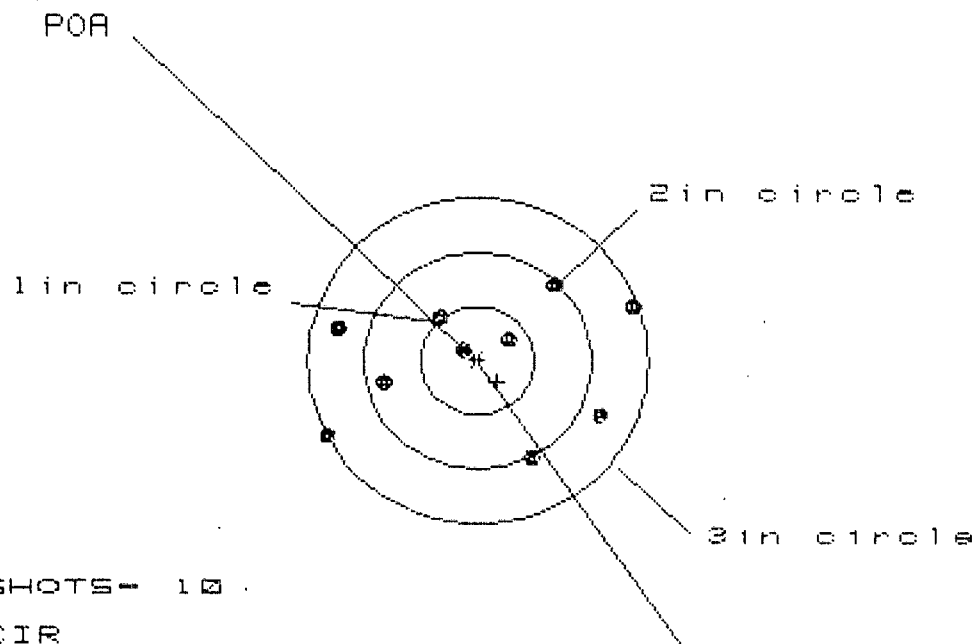
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.999	.854	.654
MINIMUM X	:	-1.303	-.904	-.797
MAXIMUM Y	:	.843	.825	.916
MINIMUM Y	:	-1.056	-1.074	-.982
CENTROID X	:	.255	.400	.293
CENTROID Y	:	-.374	-.356	-.448
FOR TO CENTROID in.	:	.453	.535	.535
MIN RADIUS	:	.476	.408	.527
MEAN RADIUS	:	.887	.831	.793
MAX RADIUS	:	1.313	1.131	1.051
HORIZONTAL SPREAD	:	2.302	1.758	1.451
VERTICAL SPREAD	:	1.899	1.899	1.899
EXTREME SPREAD	:	2.479	2.176	2.045
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			10	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.736

VS= 1.535

GS= 2.978

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.377	1.226	1.057
MINIMUM X	:	-1.359	-1.369	-1.215
MAXIMUM Y	:	.677	.599	.650
MINIMUM Y	:	-.858	-.936	-.885
CENTROID X	:	-.173	-.022	-.176
CENTROID Y	:	.196	.274	.223
POA TO CENTROID in.	:	.262	.274	.284
MIN RADIUS	:	.169	.198	.154
MEAN RADIUS	:	.922	.843	.775
MAX RADIUS	:	1.527	1.391	1.252
HORIZONTAL SPREAD	:	2.736	2.595	2.272
VERTICAL SPREAD	:	1.535	1.535	1.535
EXTREME SPREAD	:	2.978	2.600	2.422
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	