

C6587523

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Repair Number: **RE00076016**Serial: C6587523 Model 700 Center Fire Caliber .7
62 NATO M24 SWS

Verify Repair

Status:

Closed 1/21/2004 8:00:10 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: I BN 161 INF

I BN 161 INF

Address 1: 81ST BRIGADE ATTN S4

81ST BRIGADE ATTN S4

Address 2: BOX 339548

PO Box:

BOX 339548

PO Box:

City: FORT LEWIS

FORT LEWIS

State: WA

Zip Code: 98433

Country: US

State: WA

Zip Code: 98433

Country: US

FFL

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A017	Scope Bases	3
A026	Scope	1

Repair Search

Refresh

Close

nagletj

1/21/2004

8:04 AM

C658

NUM

INS

SCPL

start

2



Serial Number:

C6587523Model: **700****RE00076016**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

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

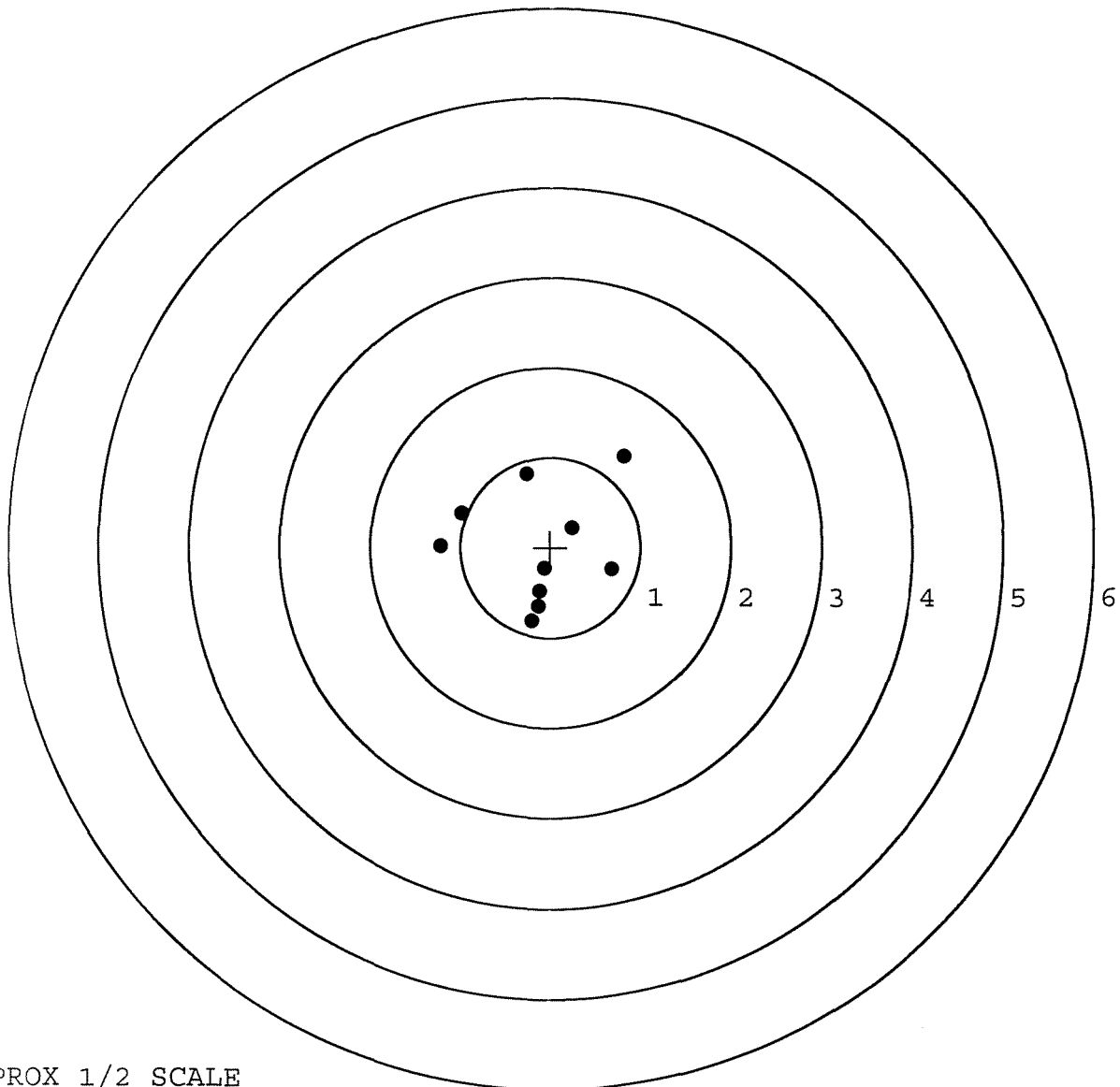
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

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

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

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



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

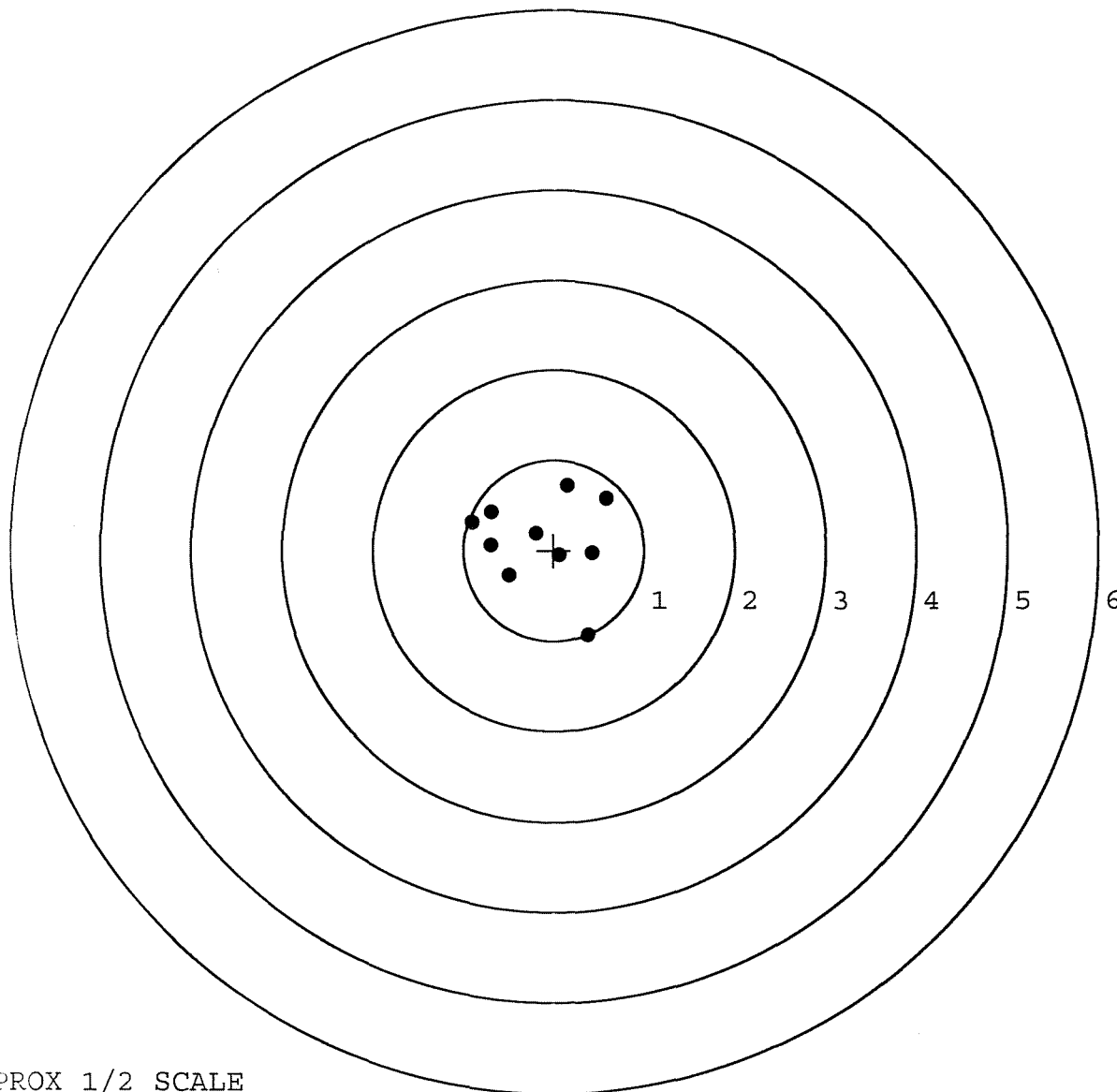
MEAN RADIUS: 0.618

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

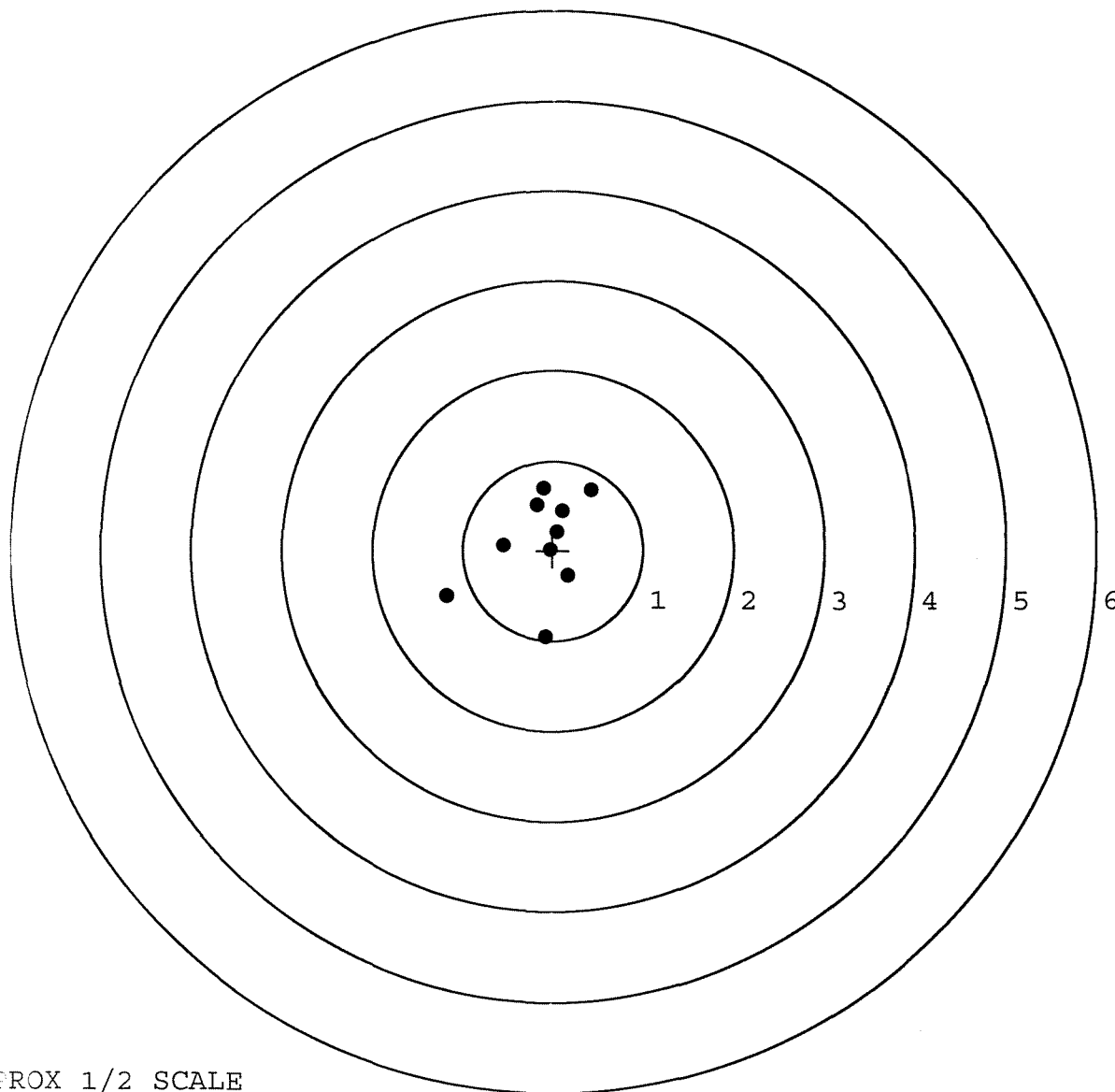
MEAN RADIUS: 0.580

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

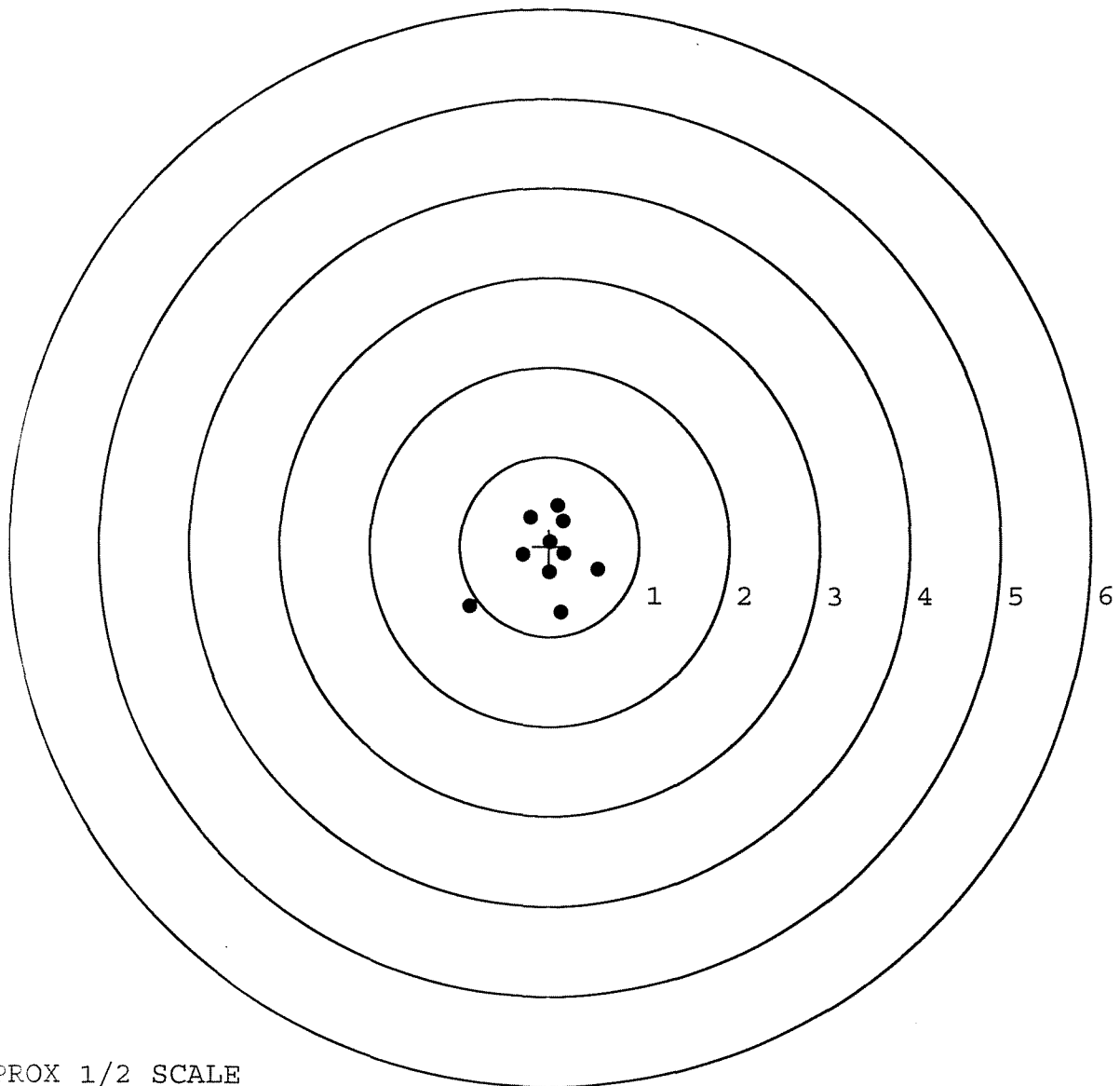


TARGET APPROX 1/2 SCALE

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

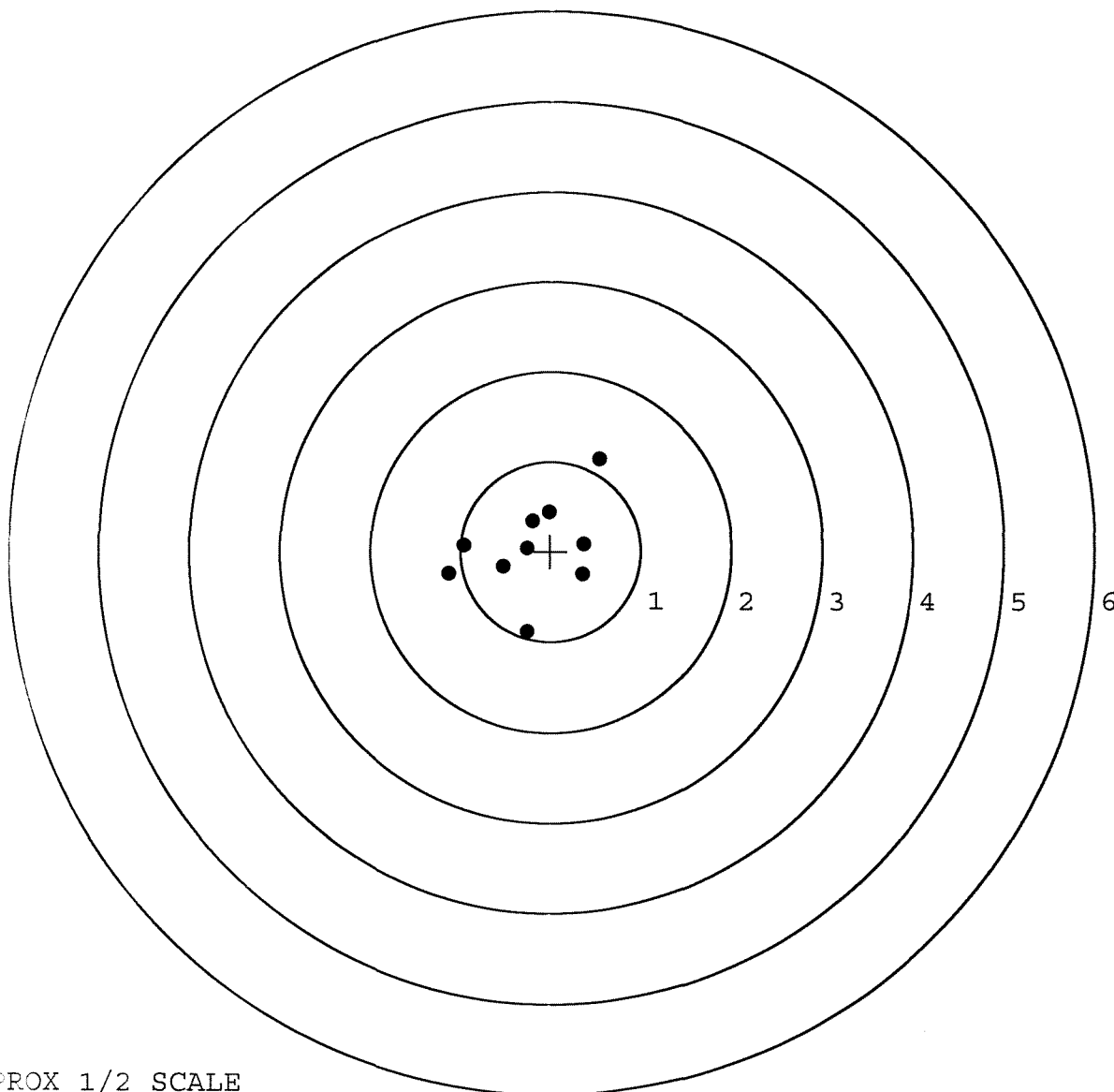


TARGET APPROX 1/2 SCALE

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

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

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



TARGET APPROX 1/2 SCALE

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)

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

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	9. NOUN RIFLE 7.62mm SNIPER M24		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
10a. ORG WON/DOC NO		10b. EIC	17. PROJECT CODE (if assigned)	18. ACCOUNT PROCESSING CODE
11. SERIAL NUMBER 66587523	12. QTY 1	13. PD	19. IN WARRANTY? (enter Y or N)	20. ADMIN NO
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)			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

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.

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.

SECTION III (Cont'd)

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.

34a. SUBMITTED BY	35a. ACCEPTED BY	35c. DATE
34b. DATE	35b. STATUS	35d. TIME

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.

SECTION III - EQUIPMENT DATA

5. TYPE MNT REQ CODE		6. ID		7. NSN 10050124P011361		15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751			
8. MODEL M24 RIFLE		9. NOUN RIFLE 7.62mm SAWED M24		10a. ORG WON/DOC NO		10b. EIC		15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751	
11. SERIAL NUMBER C6587523		12. QTY 1		13. PD		17. PROJECT CODE (if assigned)		18. ACCOUNT PROCESSING CODE	
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)						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 # 410090006)									
26. TECHNICAL REFERENCES									

SECTION IV - TASK REQUIREMENTS DATA

27a. FILE INPUT ACT CD	27b. TASK NO	27c. ACT CODE	27d. TASK DESCRIPTION	27e. QTY TO BE RPR	27f. WORK CENTER	27g. FAILURE CODE	27h. MH PROJ	27i. MH EXP

SECTION V - PART REQUIREMENTS

28a. FILE INPUT ACT CD	28b. TASK NO	28c. ID NO	28d. NSN OR PART NUMBER	28e. SFX CD	28f. QTY RQD	28g. QTY ISSUED	28h. NMCS CD	28i. FAILURE CODE	28j. STORAGE LOCATION	28k. INITIALS	28l. COST \$
28m. TOTAL MANHOURS			28n. TOTAL MANHOURS COSTS \$			28o. TOTAL PARTS COSTS \$					

SECTION VI - COMPLETION DATA

29. QTY RPR	30. QTY CONDEMN	31. QTY NRTS	32. EVAC WON	33. EVAC UNIT NAME

SECTION VII - ACTION SIGNATURES

34a. SUBMITTED BY	35a. ACCEPTED BY	35c. DATE	36a. WORK STARTED BY	37a. INSPECTED BY	38a. PICKED UP BY
34b. DATE	35b. STATUS	35d. TIME	36b. STATUS	36c. DATE	36d. TIME
37b. STATUS	37c. DATE	37d. TIME	38b. STATUS	38c. DATE	38d. TIME



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

MODEL 700TM H24

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

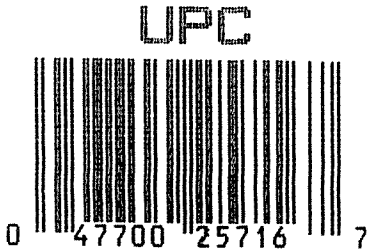
01

SERIAL NO.
C6587523

ORDER NO.
5716



5716 C6587523



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587523

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1023	90	Ru
600	Proof	1023	90	Ru
607	Check Headspace	1023	90	Ru
610	Dis-assemble Gun	1023	90	Ru
612	Magnaflux Barrel Action		10/24/90	KR
	Magnaflux Bolt		10/24/90	KR
615	Rollmark Caliber		"	JS
617	Drill and Tap Sight Holes		10/25/90	KR
618	Polish Barrel <i>RB</i>		10/26/90	W
620	Apply Coatings (Barrel Action)		11-7-90	TS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/12/90	Ru
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/19/90	Ru
	C) Inspect Ejector Hole for Chamfer		11/12/90	Ru
	D) Oil Firing Pin Ass'y		11/12/90	Ru
	E) Adjust Trigger Pull to Min Setting and Stake		11-16-90	TS

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	11-27-90	JDS
	C) Function				11-27-90	JDS
660	Pack				12/19/90	JH

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

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

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

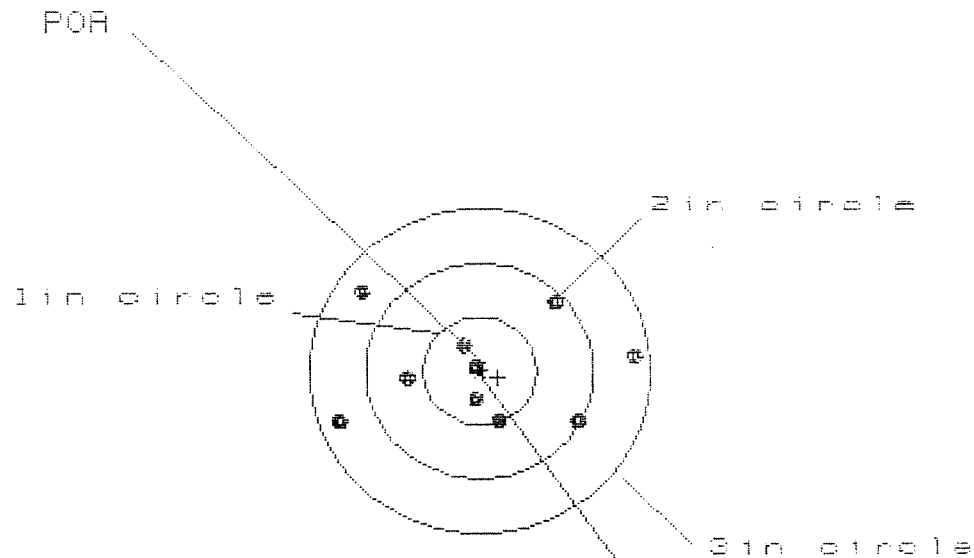
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0502
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1102
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .121095
THE AMR FOR THIS RIFLE IS: .9218

26 Nov 1998

FILE://PATTERNING/CENTERFIRE_PATT/06587523

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS= 2.579

VS= 1.252

GS= 2.631

CENTROID *

PATTERN #	1	2	3
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
POR 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/C8587523

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 2.609

VS= 2.536

GS= 2.960

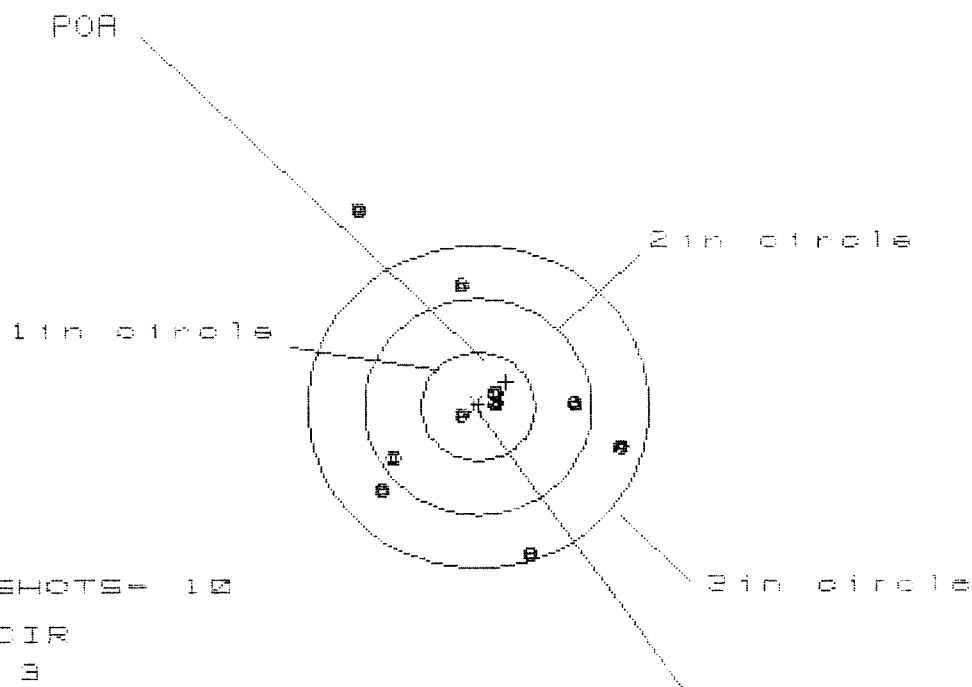
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.251	1.342	1.303
MINIMUM X	:	-1.358	-1.220	-1.258
MAXIMUM Y	:	1.373	1.485	1.139
MINIMUM Y	:	-1.163	-1.051	-0.866
CENTROID X	:	.079	-.059	-.021
CENTROID Y	:	-.205	-.317	-.502
POA TO CENTROID in.	:	.220	.322	.503
MIN RADIUS	:	.372	.506	.590
MEAN RADIUS	:	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	

26 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06587523

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

CENTROID #

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
POR 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	

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CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS= 2.302

VS= 1.899

GS= 2.479

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

POA 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

2.845

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

6

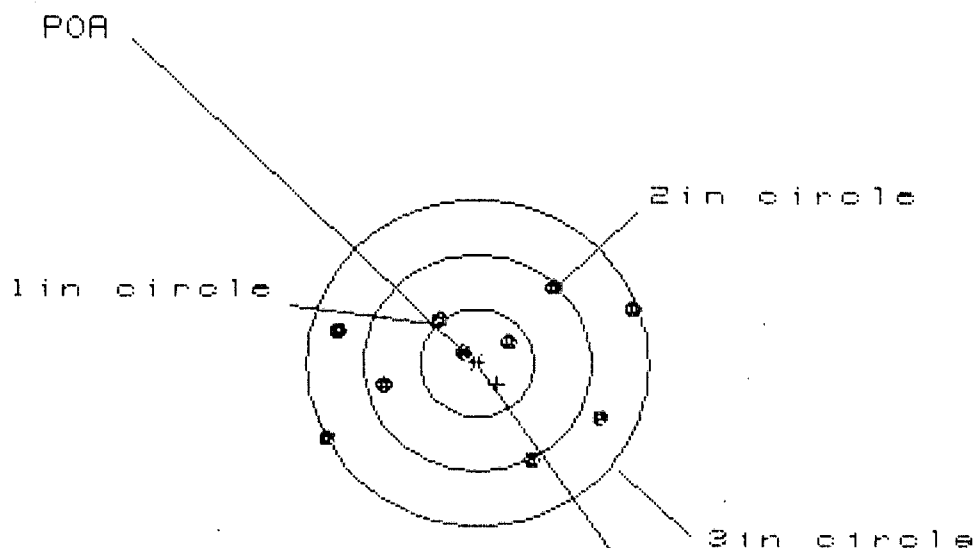
NUMBER IN THREE INCH CIRCLE =

10

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

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		