

C6587623

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

M2400023987

CONFIDENTIAL - SUBJECT TO PROTECTIVE ORDER

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: **RE00034333** Serial: C6587623 Model: 700 Center Fire Caliber: 7.62 NATO M24 SWS WOGS 3 of 3 Repairman: Status: Closed 10/22/01 1:12:25 PM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: HSC 3RD BN 3RD SFG A HSC 3RD BN 3RD SFG A

Address 1: Address 2: PO Box: PO Box:

City: FORT BRAGG FORT BRAGG

State: NC Zip Code: 28310 Country: US State: NC Zip Code: 28310 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
A010	Hard Case(WOGS)	1
A017	Scope Base	1
X001	Adjustable butt plate	1

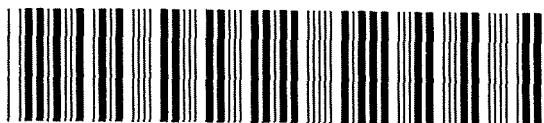
Repair Search Refresh Close

name 10/22/01 2:13 PM CAPS NUM INS SCPL

Start S C A P S E R S T M F 2:13 PM

Serial Number: **C6587623**

Model: **700**



RE00034333

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587623.___0
FILE DATE AND TIME: 11/01/2001 03:42

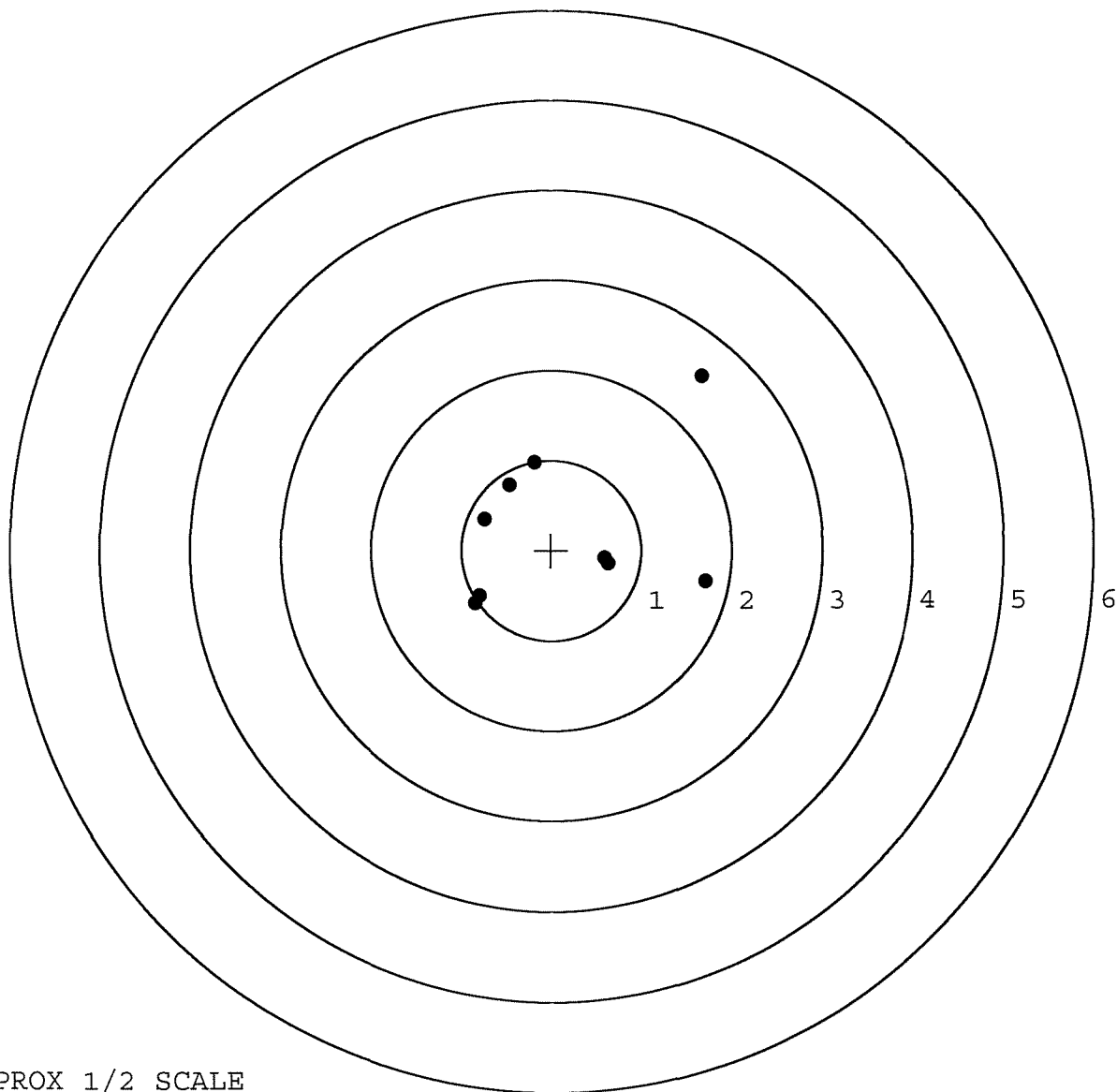
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.041
The Average Y Centroid of the Five Target Set:	0.002
The Average Point of Impact of the Five Target Set:	0.041
The Average Mean Radius of the Five Target Set:	1.029
The Distance from POA to Centroid Target #1:	0.184
The Distance from Centroid Target #2 to Centroid Target #1:	0.581
The Distance from Centroid Target #3 to Centroid Target #1:	0.307
The Distance from Centroid Target #4 to Centroid Target #1:	0.134
The Distance from Centroid Target #5 to Centroid Target #1:	0.207

SERIAL NUMBER: C6587623.____0
 TARGET NUMBER: 1
 FILE DATE: 11/01/2001
 FILE TIME: 03:42

X CENTROID: 0.070
 Y CENTROID: 0.171
 POA TO CENTROID: 0.184
 HORZ SPREAD: 2.558
 VERT SPREAD: 2.526
 GROUP SPREAD: 3.565
 MIN RADIUS: 0.586
 MAX RADIUS: 2.382
 MEAN RADIUS: 1.129
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.184	0.976
2:	-0.472	0.724
3:	-0.753	0.340
4:	-0.806	-0.510
5:	0.596	-0.087
6:	1.709	-0.345
7:	1.667	1.937
8:	0.635	-0.152
9:	-0.847	-0.589
10:	-0.849	-0.589

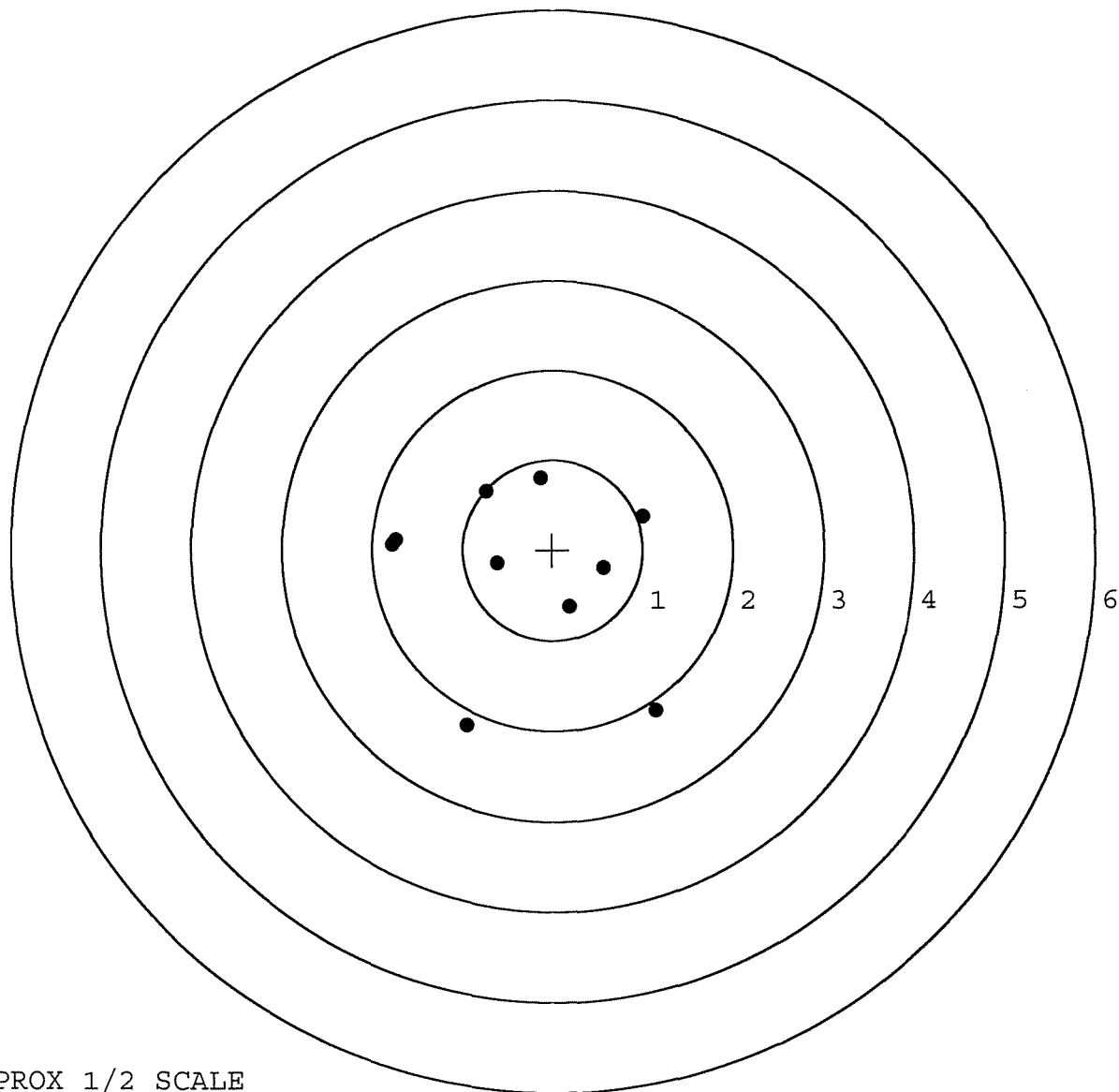


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587623. __0
 TARGET NUMBER: 2
 FILE DATE: 11/01/2001
 FILE TIME: 03:42

X CENTROID: -0.307
 Y CENTROID: -0.272
 POA TO CENTROID: 0.410
 HORZ SPREAD: 2.921
 VERT SPREAD: 2.745
 GROUP SPREAD: 3.450
 MIN RADIUS: 0.335
 MAX RADIUS: 2.094
 MEAN RADIUS: 1.226
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 3
 # in 3 IN DIAMETER: 7

POINT#	X	Y
1:	-0.139	0.794
2:	-0.743	0.647
3:	-1.775	0.056
4:	-0.618	-0.149
5:	-0.955	-1.951
6:	0.187	-0.633
7:	0.573	-0.197
8:	0.996	0.376
9:	1.146	-1.780
10:	-1.738	0.113

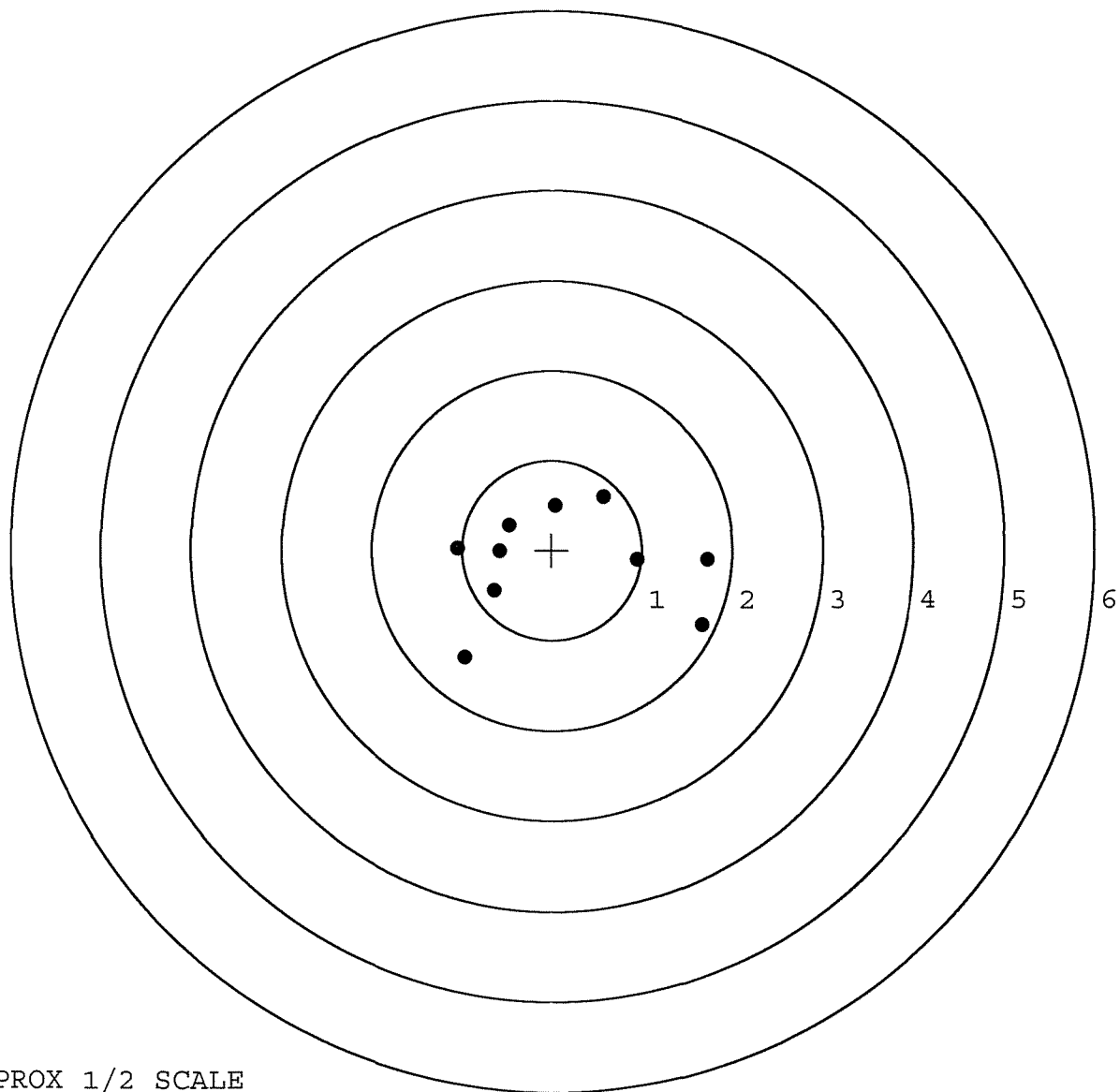


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587623. __0
 TARGET NUMBER: 3
 FILE DATE: 11/01/2001
 FILE TIME: 03:42

X CENTROID: 0.122
 Y CENTROID: -0.132
 POA TO CENTROID: 0.180
 HORZ SPREAD: 2.773
 VERT SPREAD: 1.795
 GROUP SPREAD: 2.841
 MIN RADIUS: 0.636
 MAX RADIUS: 1.692
 MEAN RADIUS: 1.059
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 7

POINT#	X	Y
1:	1.724	-0.101
2:	1.664	-0.828
3:	0.947	-0.108
4:	0.573	0.597
5:	0.035	0.498
6:	-0.480	0.278
7:	-0.580	-0.015
8:	-0.645	-0.456
9:	-1.049	0.014
10:	-0.968	-1.198

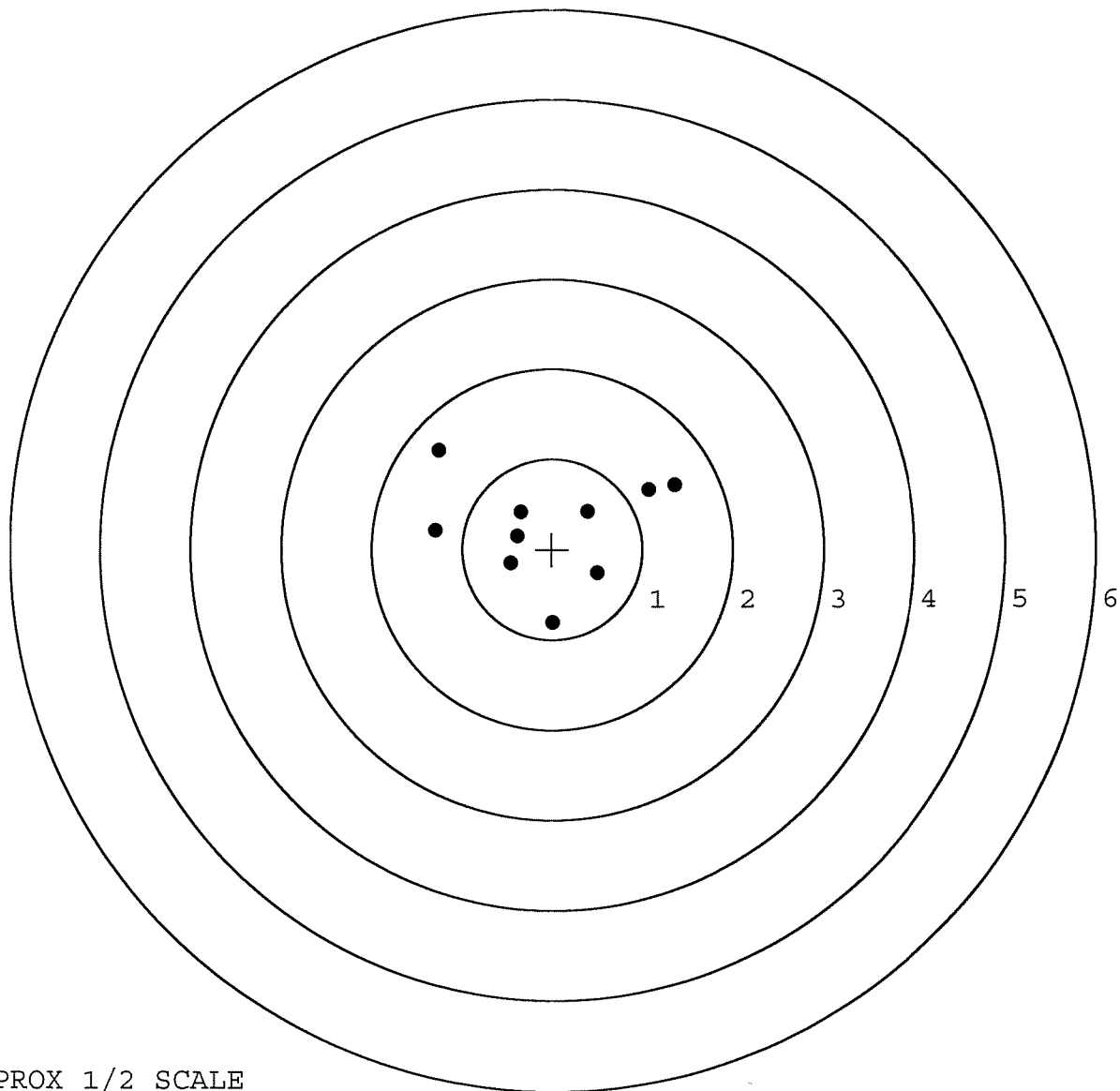


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587623. __0
TARGET NUMBER: 4
FILE DATE: 11/01/2001
FILE TIME: 03:42

X CENTROID: -0.042
Y CENTROID: 0.243
POA TO CENTROID: 0.247
HORZ SPREAD: 2.654
VERT SPREAD: 1.911
GROUP SPREAD: 2.643
MIN RADIUS: 0.354
MAX RADIUS: 1.482
MEAN RADIUS: 0.897
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.359	0.719
2:	1.067	0.661
3:	0.502	-0.260
4:	0.007	-0.818
5:	0.394	0.424
6:	-0.352	0.415
7:	-0.388	0.150
8:	-0.461	-0.158
9:	-1.295	0.207
10:	-1.257	1.093

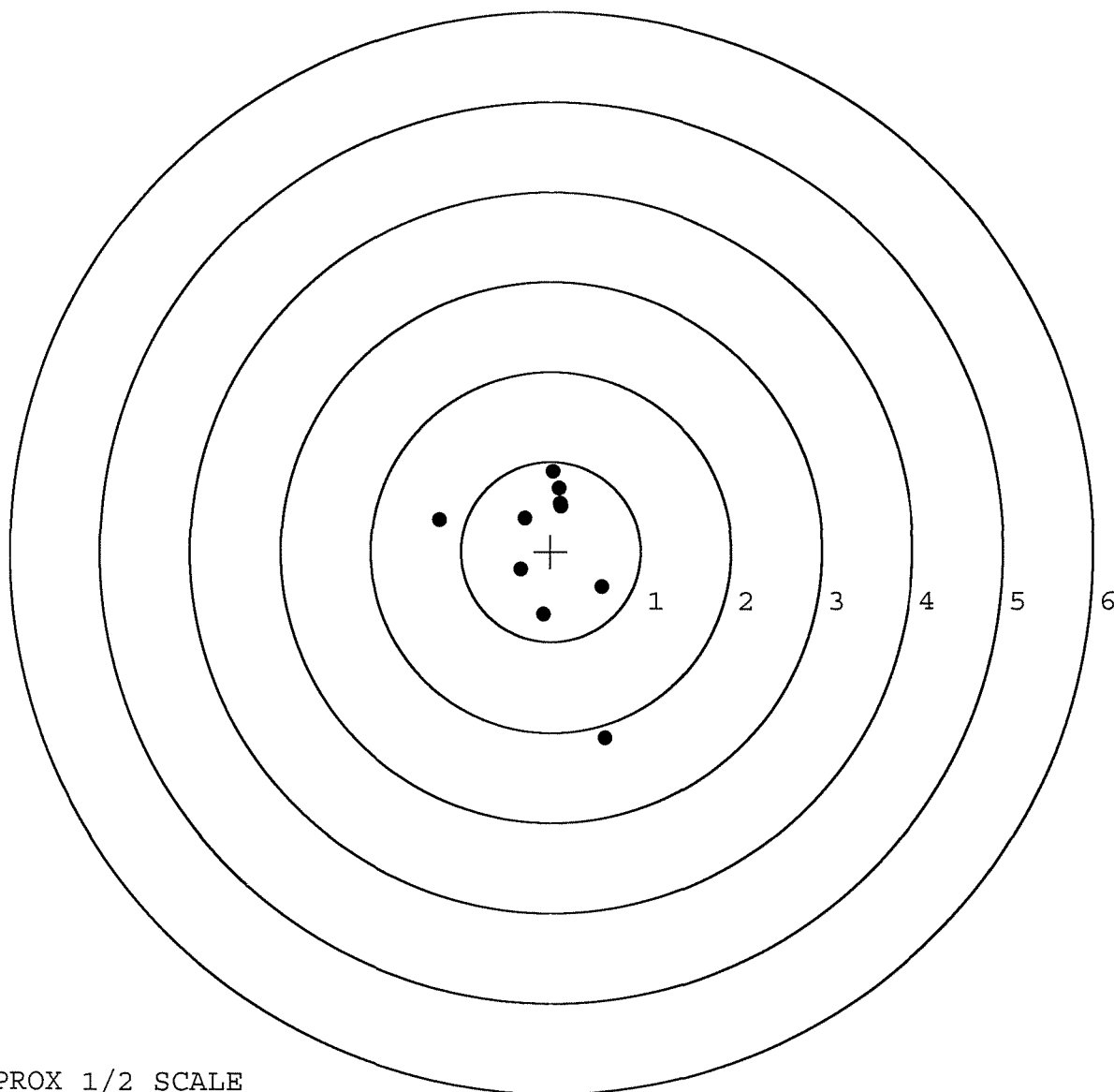


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587623. __0
TARGET NUMBER: 5
FILE DATE: 11/01/2001
FILE TIME: 03:42

X CENTROID: -0.046
Y CENTROID: -0.001
POA TO CENTROID: 0.046
HORZ SPREAD: 1.845
VERT SPREAD: 2.955
GROUP SPREAD: 3.038
MIN RADIUS: 0.353
MAX RADIUS: 2.162
MEAN RADIUS: 0.835
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.025	0.891
2:	0.092	0.704
3:	0.110	0.504
4:	0.568	-0.398
5:	0.602	-2.064
6:	-0.081	-0.705
7:	-0.335	-0.204
8:	-0.297	0.371
9:	-1.243	0.349
10:	0.103	0.537



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT # DAAE-20-97-C-242

R & E NUMBER 34333

SERIAL NUMBER C 658 7623

LOG-IN DATE 10-22-01

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-23-01	RJR
560 A	RE-BARREL AT CUSTOM SHOP	10/24/01	BWT
B	DRILL AND TAP	10/24/01	BWT
C	POLISH		
575	ASSEMBLE	10-25-01	RJR
600	PROOF	10-25-01	
605	CHECK HEADSPACE	10-26-01	
610	DIS-ASSEMBLE GUN	10-26-01	
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS	10/30	HP
625 A	FINAL ASSEMBLY	10-31-01	RW
B	TRIGGER PULL TEST	10 31-01	RJR
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-1-01	AC
655	FINAL INSPECT	11-2-01	RW
660	PACK	11-3-01	JA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington®

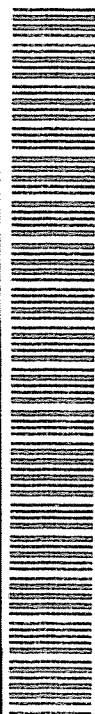


VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700™ M24

Q1

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

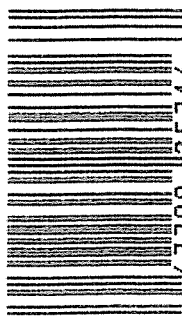


5716 C6587623

SERIAL NO.
C6587623

ORDER NO.
5716

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587623

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/24/90	KJ
600	Proof		10/24/90	KJ
607	Check Headspace		10/24/90	KJ
610	Dis-assemble Gun		10/24/90	KJ
612	Magnaflux Barrel Action		10/30/90	KR
	Magnaflux Bolt		10/30/90	KR
615	Rollmark Caliber		11	JS
617	Drill and Tap Sight Holes		11/6/90	KJS
618	Polish Barrel AB		11/7/90	WJB
620	Apply Coatings (Barrel Action)		11/20/90	KA
	Apply Coating (Bolt)		11/20/90	KA
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		12/3/90	SL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/2	5 1/2	5 1/2			12/3/90	WLB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			12/3/90	WLB
	H) Trigger Pull Test & Retainability						12/3/90	JS
	I) Firing Pin Indent	0.0215	0.0215	0.0215			12/3/90	WLB
	J) Assemble Stock						12/3/90	KS
	K) Assemble Swivel Studs						12-5-90	JS
	L) Attach Front and Rear Sight Assemblies						12/3/90	KS
	M) Iron Sight Alignment						12/3/90	KS
	N) Detach Front & Rear Sights & place in numbered container						12/3/90	KS
	O) Attach Scope to Rifle						12/3/90	KS
	P) Detach & Attach Scope 20 Times						12/3/90	KS
640	Gallery Target & Test						12-4-90	AC
	A) Time						12-4-90	AC
	B) Malfunctions						12-4-90	AC
	C) Pierced Primers						12-4-90	AC
	D) Optical Clarity of Scope						12-4-90	AC
645	Inspect for Live Ammo						12-4-90	AC
655	Final Inspection						12-5-90	JS
	A) Headspace						12-5-90	JS
	B) Trigger Pull	2.63	2.82	2.43	2.52	2.50	12-5-90	JS
	C) Function						12-5-90	JS
660	Pack						12-18-90	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. C.6587623
DATE 12/3/90
TESTER JPL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.19	2.15	2.34	263	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.16	2.29	2.27	282	
PULL #3	2.28	2.36	2.39	243	
PULL #4	2.22	2.23	2.37	252	
PULL #5	2.28	2.40	2.41	250	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.41		
PULL #2	3.25	3.38		
PULL #3	3.47	3.42		
PULL #4	3.42	3.42		
PULL #5	3.43	3.45		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.32	4.18		4.20
PULL #2	4.16	4.18		4.25
PULL #3	4.18	4.21		4.25
PULL #4	4.22	4.16		4.27
PULL #5	4.18	4.15		4.26
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06587623
4 Dec 1990

CENTROIDAL DISTANCES

0 TO 1	.124555
1 TO 2	.240684
1 TO 3	.168962
1 TO 4	.0520096
1 TO 5	.326719

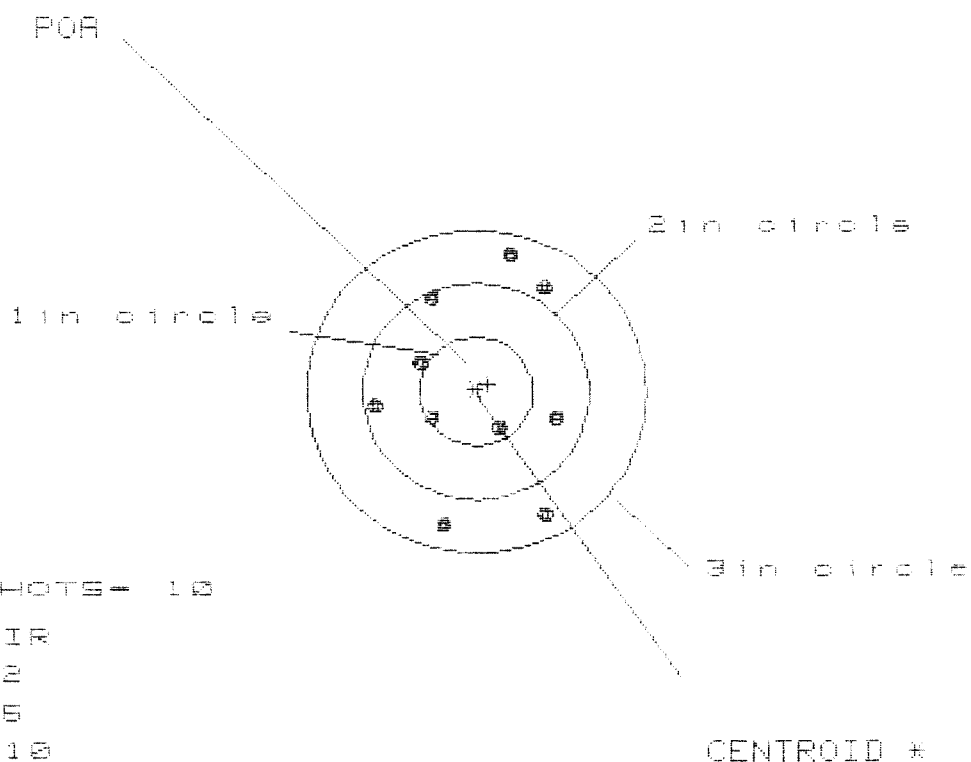
45 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0306
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0428
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0526137
THE AMR FOR THIS RIFLE IS: .7744

4 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06587623

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 10

HE= 1.576

VS= 2.524

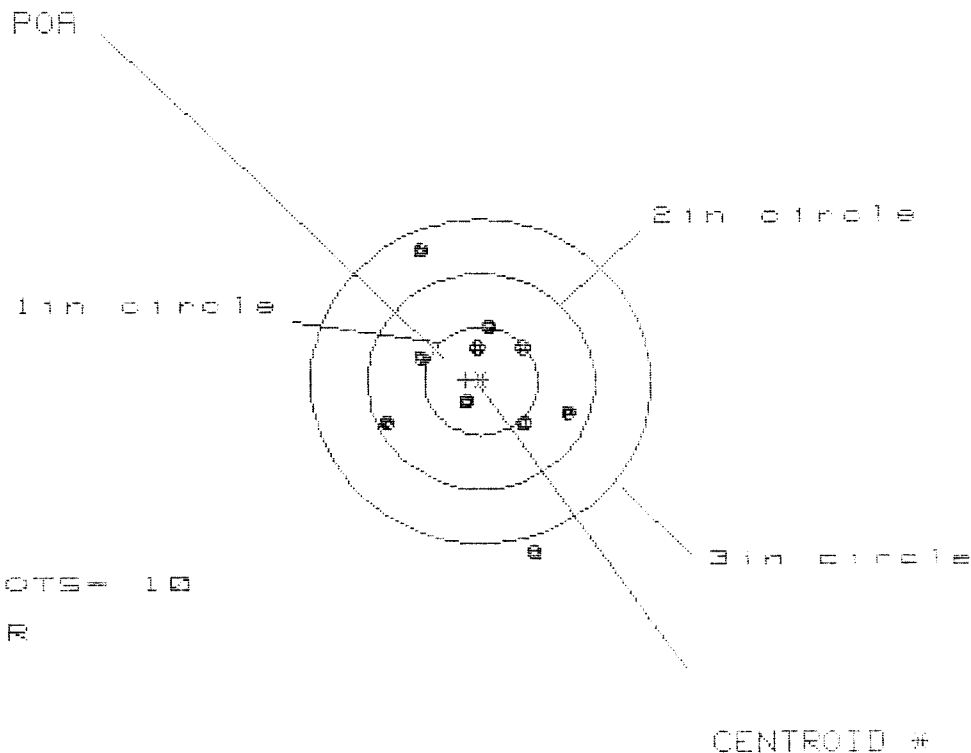
GS= 2.600

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.683	.756	.723
MINIMUM X	:	-.893	-.820	-.853
MAXIMUM Y	:	1.242	1.114	.938
MINIMUM Y	:	-1.282	-1.410	-1.652
CENTROID X	:	-.105	-.178	-.145
CENTROID Y	:	-.067	.062	.238
POA TO CENTROID in.	:	.124	.188	.279
MIN RADIUS	:	.397	.443	.435
MEAN RADIUS	:	.904	.850	.776
MAX RADIUS	:	1.326	1.433	.995
HORIZONTAL SPREAD	:	1.576	1.576	1.576
VERTICAL SPREAD	:	2.524	2.524	1.590
EXTREME SPREAD	:	2.600	2.600	1.893
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	10		

4 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06587623

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 4

2in = 8

3in = 9

HS = 1.580

VS = 2.817

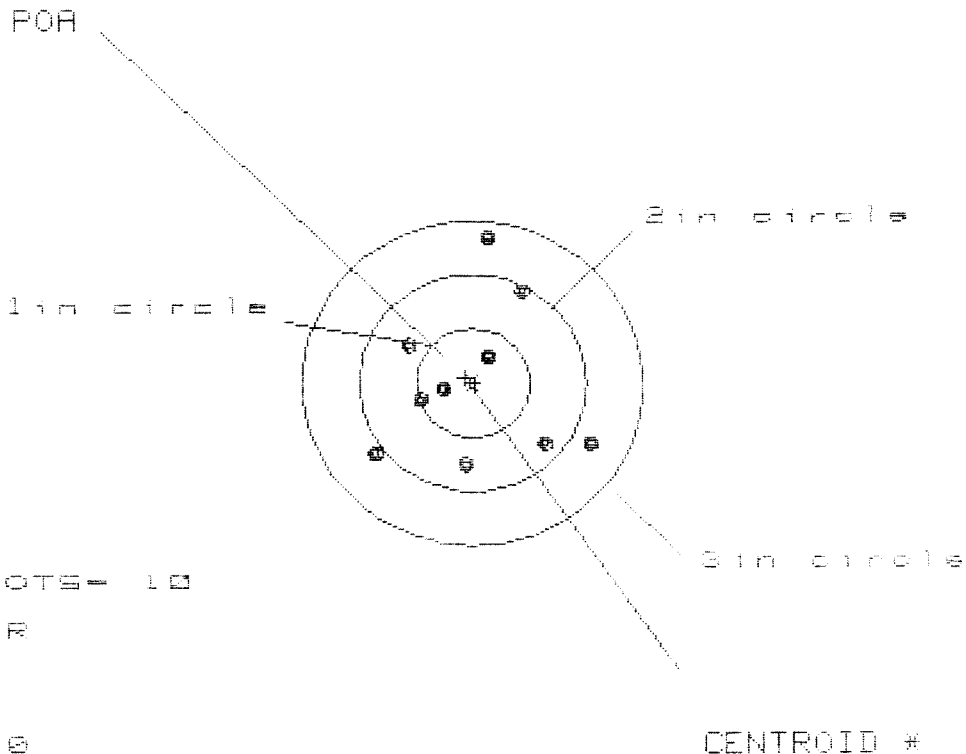
ES = 3.001

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.789	.840	.774
MINIMUM X	:	-.791	-.740	-.806
MAXIMUM Y	:	1.249	1.075	.516
MINIMUM Y	:	-1.568	-.542	-.408
CENTROID X	:	.130	.079	.145
CENTROID Y	:	-.015	.159	.025
POA TO CENTROID in.	:	.131	.178	.147
MIN RADIUS	:	.196	.128	.239
MEAN RADIUS	:	.729	.607	.532
MAX RADIUS	:	1.633	1.198	.897
HORIZONTAL SPREAD	:	1.580	1.580	1.580
VERTICAL SPREAD	:	2.817	1.617	.924
EXTREME SPREAD	:	3.001	2.021	1.584
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

4 Dec 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08587623

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 1.890

VS= 2.094

GS= 2.149

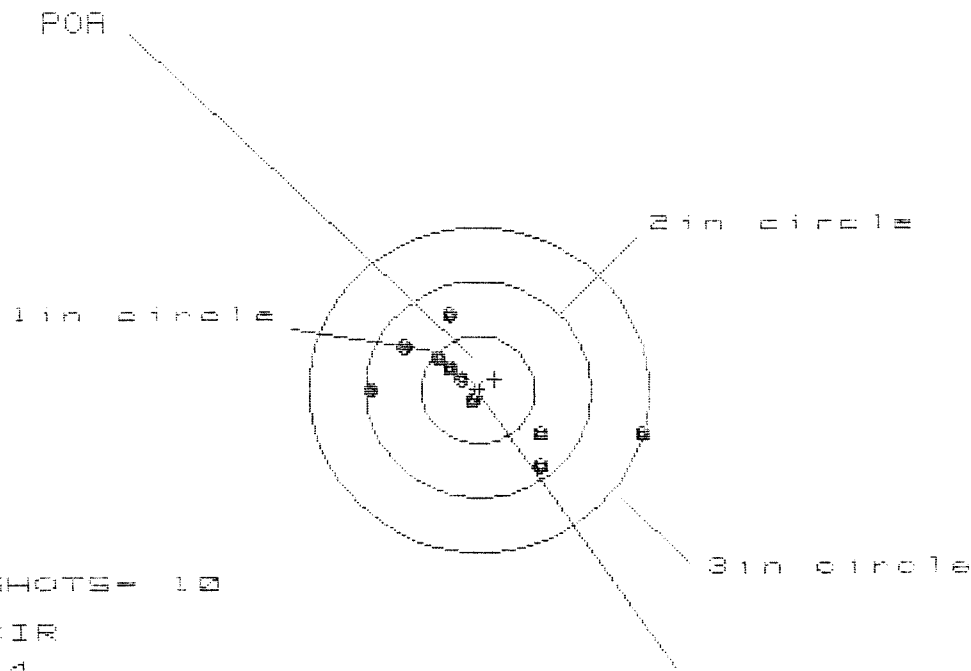
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.041	1.051	.735
MINIMUM X	:	-.849	-.839	-.708
MAXIMUM Y	:	1.317	.972	.923
MINIMUM Y	:	-.777	-.631	-.690
CENTROID X	:	.063	.053	-.079
CENTROID Y	:	-.049	-.195	-.146
POA TO CENTROID in.	:	.080	.202	.165
MIN RADIUS	:	.272	.272	.132
MEAN RADIUS	:	.776	.710	.624
MAX RADIUS	:	1.320	1.123	1.087
HORIZONTAL SPREAD	:	1.890	1.890	1.442
VERTICAL SPREAD	:	2.094	1.603	1.603
EXTREME SPREAD	:	2.149	1.930	1.930
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

4 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587623

CENTERFIRE PATTERNS

4



OF SHOTS = 10

IN CIR

1in = 4

2in = 3

3in = 3

HS = 2.397

VS = 1.361

GS = 2.437

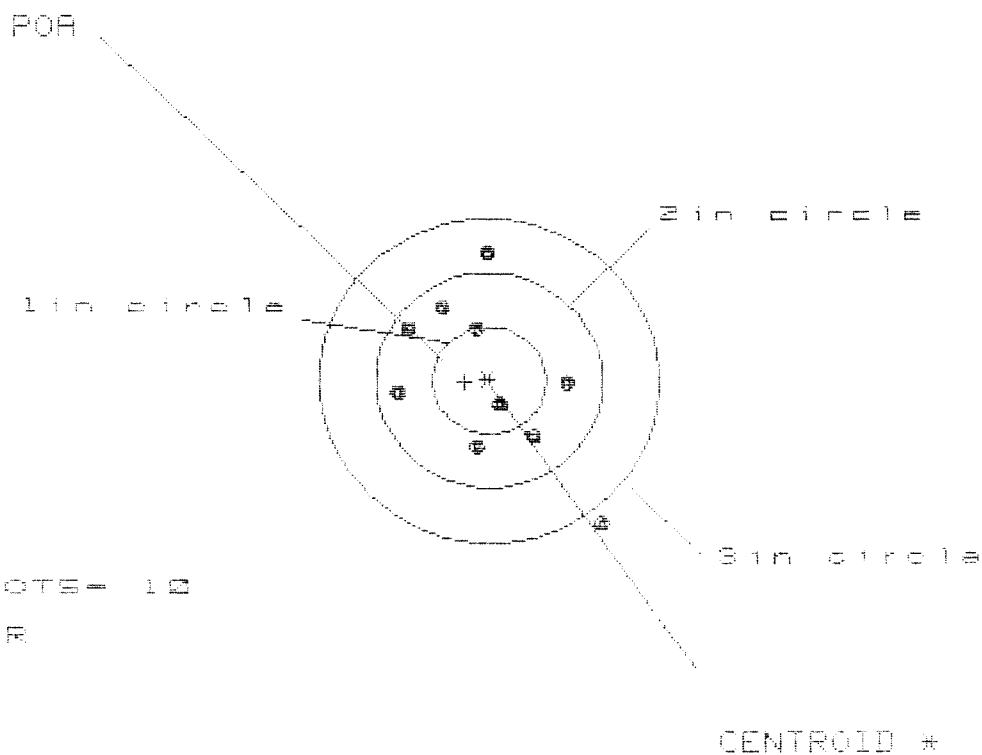
CENTROID +

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.470	.719	.623
MINIMUM X	:	-.927	-.763	-.546
MAXIMUM Y	:	.652	.605	.601
MINIMUM Y	:	-.709	-.756	-.761
CENTROID X	:	-.146	-.310	-.214
CENTROID Y	:	-.099	-.052	-.048
POA TO CENTROID in.	:	.177	.314	.219
MIN RADIUS	:	.116	.020	.108
MEAN RADIUS	:	.648	.495	.478
MAX RADIUS	:	1.531	1.043	.983
HORIZONTAL SPREAD	:	2.397	1.482	1.169
VERTICAL SPREAD	:	1.361	1.361	1.361
EXTREME SPREAD	:	2.437	1.648	1.620
NUMBER IN ONE INCH CIRCLE =	:		4	
NUMBER IN TWO INCH CIRCLE =	:		9	

4 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06587623

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 8

3 in = 9

HS= 1.833

VS= 2.574

GS= 2.778

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.006	.839	.848
MINIMUM X	:	-.827	-.715	-.706
MAXIMUM Y	:	1.213	1.062	.700
MINIMUM Y	:	-1.361	-.759	-.626
CENTROID X	:	.211	.099	.090
CENTROID Y	:	.016	.167	.034
POR TO CENTROID in.	:	.211	.194	.096
MIN RADIUS	:	.280	.308	.361
MEAN RADIUS	:	.815	.704	.651
MAX RADIUS	:	1.692	1.064	.849
HORIZONTAL SPREAD	:	1.833	1.554	1.554
VERTICAL SPREAD	:	2.574	1.821	1.326
EXTREME SPREAD	:	2.778	1.823	1.556
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	