

C6225598

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Smith
No. 2-152-51

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: **RE00052602** Serial: **C6225598** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman: Status: **Closed 9/19/02 2:16:41 PM**

Verify Repair

Address Information

Customer: **A CO** Received From: **A CO** Return To: **A CO**

Address 1: **3/1 SFG (A)** Address 2: PO Box: City: **FORT BRAGG** State: **NC** Zip Code: **28310** Country: **US**

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: **Poor** Condition Notes: CSR Notes:

Accessories Received

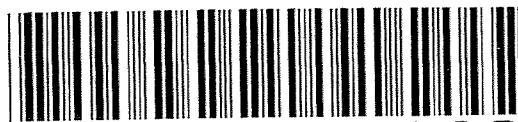
Code	Desc	Qty
A007	With Stud	1
X	FRT & REAR SGT BA	1

Repair Search Refresh Close

raglet 9/19/02 3:23 PM CAFS NUM INS SCFL

Start A P U S S B S N G R S

Serial Number: **C6225598**
Model: **700**



RE00052602

R & E NUMBER	52602		
SERIAL NUMBER	C6225598		
LOG-IN DATE	9/19/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9/20/02	RL
560 A	RE-BARREL	9/20/02	DA
B	DRILL AND TAP	9-21-02	AC
575	ASSEMBLE	9/24/02	RL
600	PROOF	9-25-02	AC
605	CHECK HEADSPACE	9-25-02	AC
610	DIS-ASSEMBLE GUN	9/24/02	RL
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST	9/27/02	TRW
620	APPLY COATINGS	9/28/02	AC
625 A	FINAL ASSEMBLY	10-5 10/9/02	TRW DA
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-15-02	TRW
655	FINAL INSPECT	10-15-02	RL
660	PACK	10-15-02	DA
		SHIP DATE	
	QAR INSPECTION DATE		

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225598.___0
FILE DATE AND TIME: 10/16/2002 13:42

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.025
The Average Y Centroid of the Five Target Set:	-0.104
The Average Point of Impact of the Five Target Set:	0.107
The Average Mean Radius of the Five Target Set:	0.598
The Distance from POA to Centroid Target #1:	0.072
The Distance from Centroid Target #2 to Centroid Target #1:	0.149
The Distance from Centroid Target #3 to Centroid Target #1:	0.046
The Distance from Centroid Target #4 to Centroid Target #1:	0.128
The Distance from Centroid Target #5 to Centroid Target #1:	0.147

SERIAL NUMBER: C6225598. __0

TARGET NUMBER: 1

FILE DATE: 10/16/2002

FILE TIME: 13:42

X CENTROID: -0.035

Y CENTROID: -0.063

POA TO CENTROID: 0.072

HORZ SPREAD: 1.486

VERT SPREAD: 1.897

GROUP SPREAD: 2.117

MIN RADIUS: 0.334

MAX RADIUS: 1.121

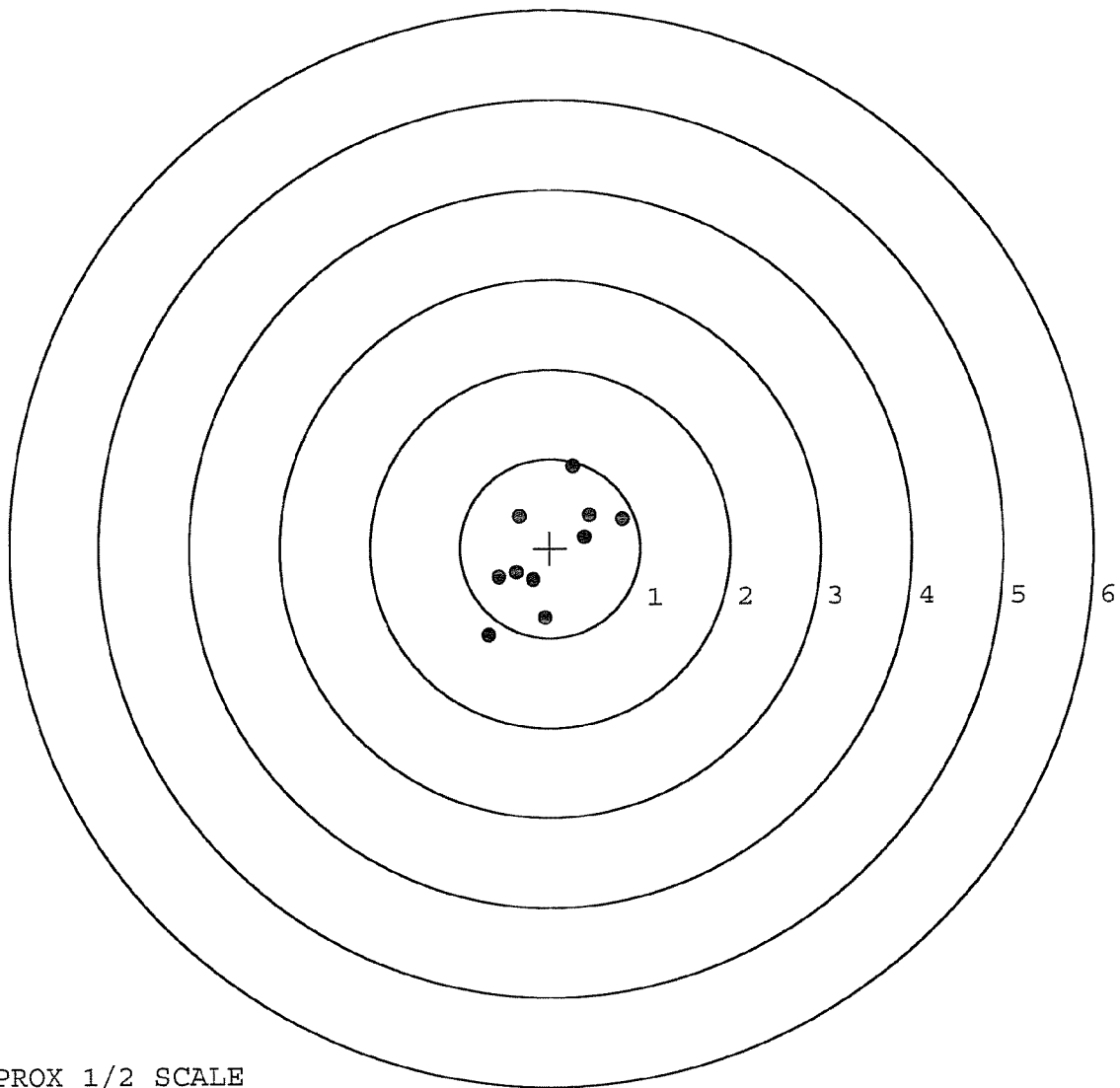
MEAN RADIUS: 0.675

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.059	-0.783
2:	-0.684	-0.977
3:	0.384	0.123
4:	0.434	0.371
5:	0.802	0.326
6:	0.255	0.920
7:	-0.345	0.360
8:	-0.189	-0.359
9:	-0.380	-0.278
10:	-0.569	-0.330

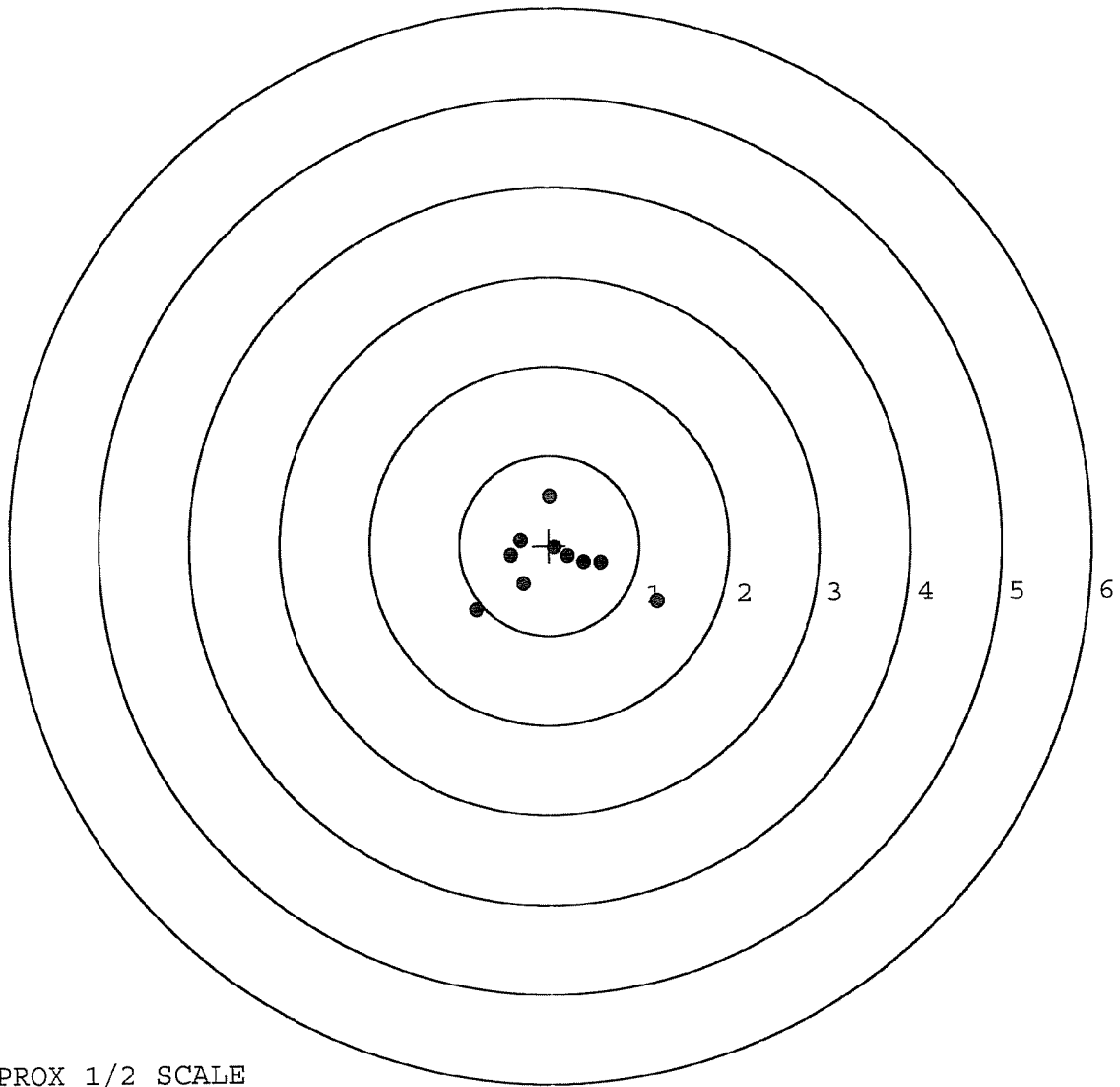


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225598.___0
 TARGET NUMBER: 2
 FILE DATE: 10/16/2002
 FILE TIME: 13:42

X CENTROID: 0.056
 Y CENTROID: -0.181
 POA TO CENTROID: 0.189
 HORZ SPREAD: 2.018
 VERT SPREAD: 1.264
 GROUP SPREAD: 2.020
 MIN RADIUS: 0.155
 MAX RADIUS: 1.227
 MEAN RADIUS: 0.551
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.198	-0.630
2:	-0.820	-0.716
3:	0.011	0.548
4:	0.573	-0.199
5:	0.384	-0.187
6:	0.204	-0.119
7:	0.055	-0.026
8:	-0.325	0.059
9:	-0.428	-0.113
10:	-0.291	-0.427

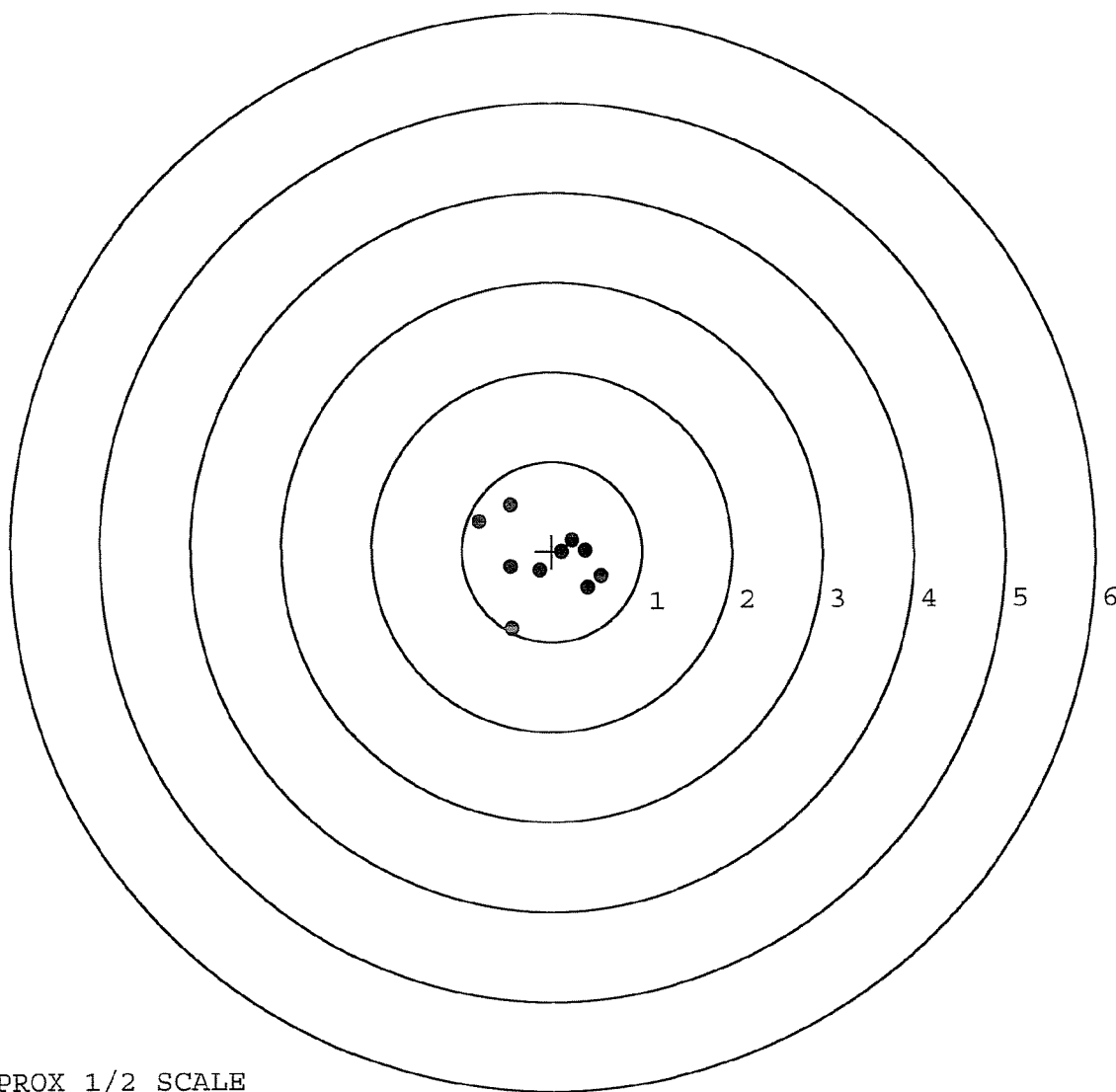


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225598. __0
 TARGET NUMBER: 3
 FILE DATE: 10/16/2002
 FILE TIME: 13:42

X CENTROID: -0.066
 Y CENTROID: -0.097
 POA TO CENTROID: 0.117
 HORZ SPREAD: 1.343
 VERT SPREAD: 1.376
 GROUP SPREAD: 1.376
 MIN RADIUS: 0.141
 MAX RADIUS: 0.853
 MEAN RADIUS: 0.517
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.452	-0.858
2:	-0.460	-0.178
3:	-0.800	0.331
4:	-0.455	0.518
5:	0.543	-0.277
6:	0.399	-0.405
7:	-0.138	-0.218
8:	0.107	-0.012
9:	0.225	0.123
10:	0.371	0.008

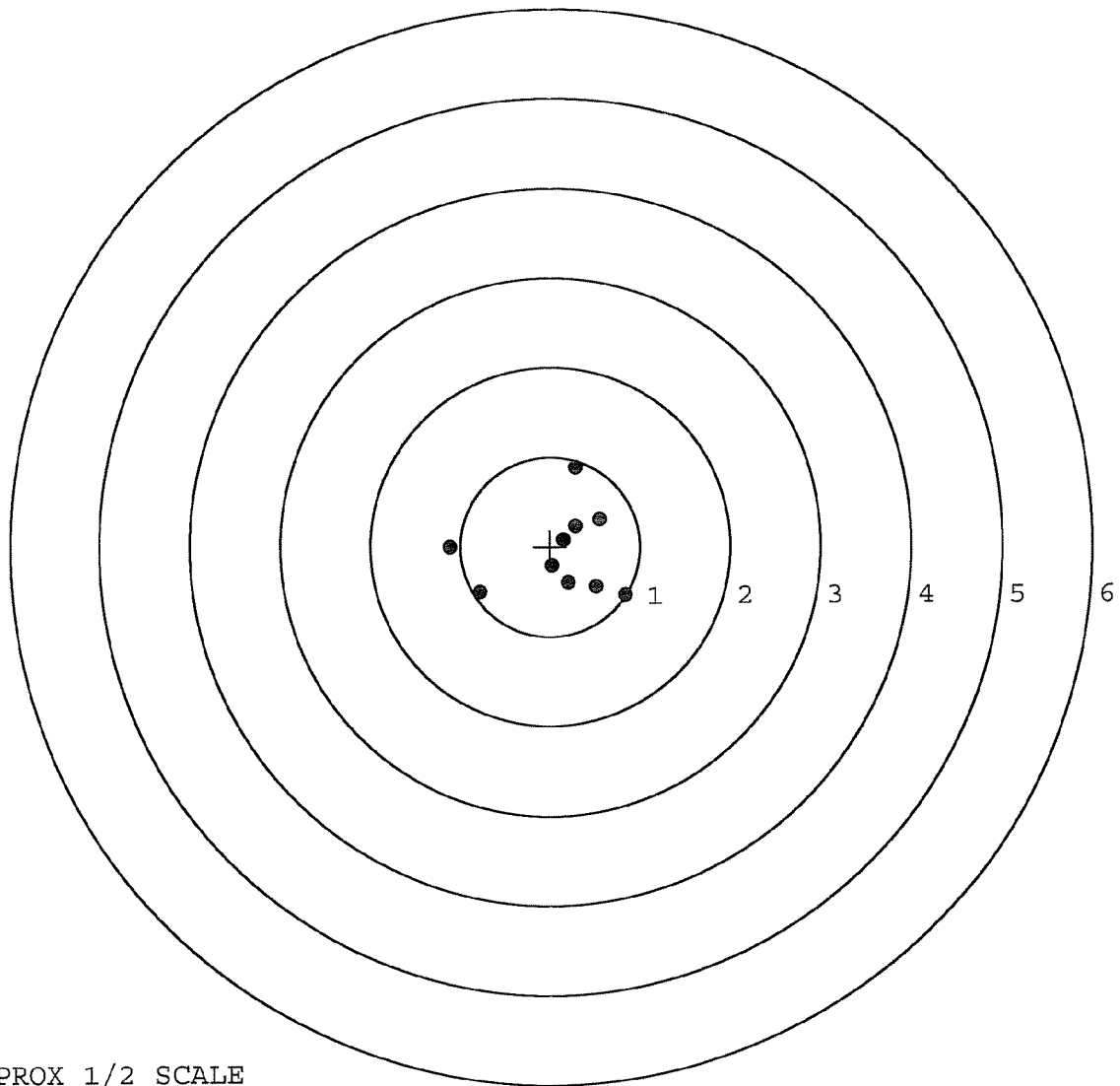


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225598. __0
 TARGET NUMBER: 4
 FILE DATE: 10/16/2002
 FILE TIME: 13:42

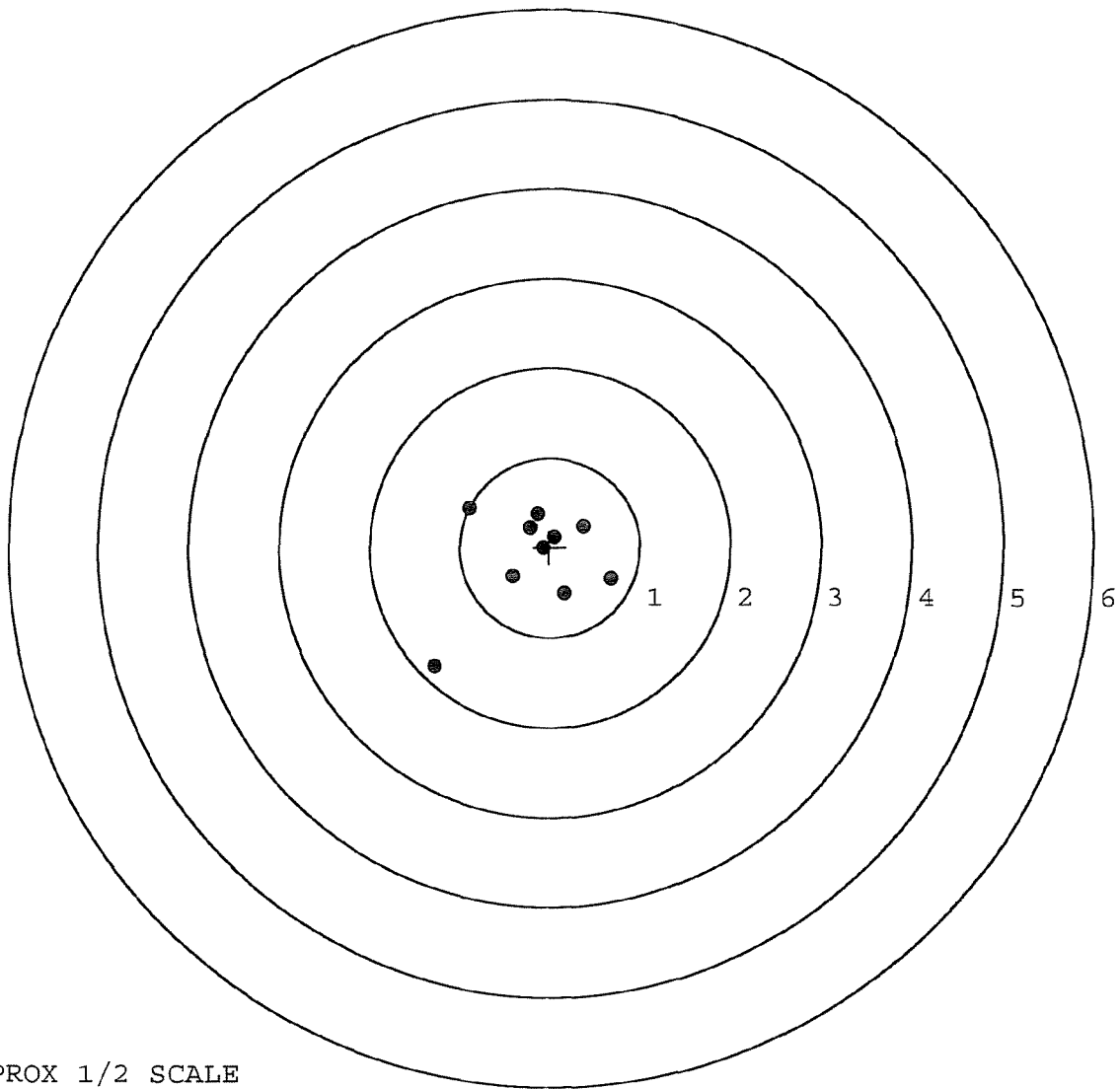
X CENTROID: 0.093
 Y CENTROID: -0.063
 POA TO CENTROID: 0.113
 HORZ SPREAD: 1.949
 VERT SPREAD: 1.428
 GROUP SPREAD: 2.021
 MIN RADIUS: 0.150
 MAX RADIUS: 1.210
 MEAN RADIUS: 0.621
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.834	-0.544
2:	0.513	-0.447
3:	0.203	-0.402
4:	0.023	-0.215
5:	0.147	0.077
6:	0.281	0.233
7:	0.548	0.300
8:	0.282	0.884
9:	-1.115	-0.009
10:	-0.782	-0.507



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225598. __0	POINT#	X	Y
TARGET NUMBER: 5	1:	0.685	-0.353
FILE DATE: 10/16/2002	2:	0.173	-0.517
FILE TIME: 13:42	3:	-0.409	-0.327
	4:	-0.899	0.437
X CENTROID: -0.173	5:	0.370	0.243
Y CENTROID: -0.115	6:	-0.143	0.375
POA TO CENTROID: 0.208	7:	-0.225	0.224
HORZ SPREAD: 1.956	8:	-0.068	-0.010
VERT SPREAD: 1.771	9:	0.057	0.115
GROUP SPREAD: 2.276	10:	-1.271	-1.334
MIN RADIUS: 0.148			
MAX RADIUS: 1.641			
MEAN RADIUS: 0.625			
# IN 1 IN DIAMETER: 5			
# IN 2 IN DIAMETER: 9			
# in 3 IN DIAMETER: 9			



TARGET APPROX 1/2 SCALE

Final Inspection

In: C6225598

DATE REC'D: 9/19/62

DATE RET'D: 10/15/62

EDITOR: RL

Item:

BARREL ASSY.

- ☒ BARREL
- ☒ RECEIVER
- ☒ FRONT SIGHT BLOCK
- ☒ REAR SIGHT BLOCK
- ☒ SCREWS
- ☒ FINISH

Scope Assy.

- ☒ Scope
- ☒ Scope Rings
- ☒ Mounting Screws
- ☒ Mounting Base
- ☒ Screws
- ☒ Finish
- ☒ Looseness
- ☒ Clarity

Misc.

- ☒ DD-250
- ☒ BAR CODE
- ☒ PACKAGING

Item:

STOCK ASSY.

- ☒ STOCK
- ☒ SLING SWIVEL STUDS
- ☒ ADJUSTABLE BUTT PLATE
- ☒ LOCK NUTS
- ☒ BARREL CLEARANCE
- ☒ COLOR/FINISH

Systems Case

- ☒ Scope Case
- ☒ Iron SIGHTS
- ☒ Deployment Kit

Trigger

- ☒ SAFETY OPERATION
- ☒ SET

Comments: _____

CONTRACT # DAAA21-87-C-0086

INTERCHANGEABILITY

GUN SERIAL # C6225598

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	4 21 89	RW
600	Proof		4 21 89	RW
607	Check Headspace		4 21 89	RW
610	Dis-assemble Gun		4 21 89	RW
612	Magnaflux Barrel Action		4/26	KCR
	Magnaflux Bolt		4/27	KCR
615	Rollmark Caliber		4/27	LS
617	Drill and Tap Sight Holes		4 27 89	LB
618	Polish Barrel RB		4 27 89	BT
620	Apply Coatings (Barrel Action)		5/8/89	TS
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		5/10/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/10/89	RW
	C) Inspect Ejector Hole for Chamfer		5/10/89	RW
	D) Oil Firing Pin Ass'y		5/10/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/12/89	WB

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	5	5	5	5/12/89	JH		
	G) Safety Off Force	3	3	3	5/12/89	JH		
	H) Trigger Pull Test & Retainability				5/12/89	WB		
	I) Firing Pin Indent	.021	.020	.205	5/12/89	JH		
	J) Assemble Stock				5/15/89	RW		
	K) Assemble Swivel Studs				16 May 89	JS		
	L) Attach Front and Rear Sight Assemblies				5/15/89	RW		
	M) Iron Sight Alignment				5/15/89	RW		
	N) Detach Front & Rear Sights & place in numbered container				5/15/89	RW		
	O) Attach Scope to Rifle				5/15/89	JH		
	P) Detach & Attach Scope 20 Times				5/15/89	JH		
640	Gallery Target & Test	50 R	104 L	5/15/89	DH			
	A) Time			5/15/89	DH			
	B) Malfunctions			5/15/89	DH			
	C) Pierced Primers			5/15/89	DH			
	D) Optical Clarity of Scope			5/15/89	DH			
645	Inspect for Live Ammo			5/15/89	DH			
655	Final Inspection							
	A) Headspace			16 May 89	JS			
	B) Trigger Pull	2.29	2.34	2.36	2.47	2.36	16 May 89	JS
	C) Function						16 May 89	JS
660	Pack						27 June 89	JS

BARBER - M24 0052143

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 422-233DATE 3/28/90TESTER 174

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.46	2.52	2.52	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.42	2.38	
PULL #3	2.48	2.40	2.44	
PULL #4	2.46	2.37	2.37	
PULL #5	2.47	2.35	2.34	
TOTAL	12.32	12.06	12.05	
AVG.	2.46	2.41	2.41	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.26	3.35	
PULL #2	3.29	3.29	
PULL #3	3.29	3.36	
PULL #4	3.29	3.28	
PULL #5	3.32	3.34	
TOTAL	16.45	16.62	
AVG.	3.29	3.32	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.47		
PULL #2	4.33	4.51		
PULL #3	4.35	4.35		
PULL #4	4.39	4.43		
PULL #5	4.39	4.34		
TOTAL	21.76	22.10		
AVG.	4.35	4.42		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225598
16 May 1989

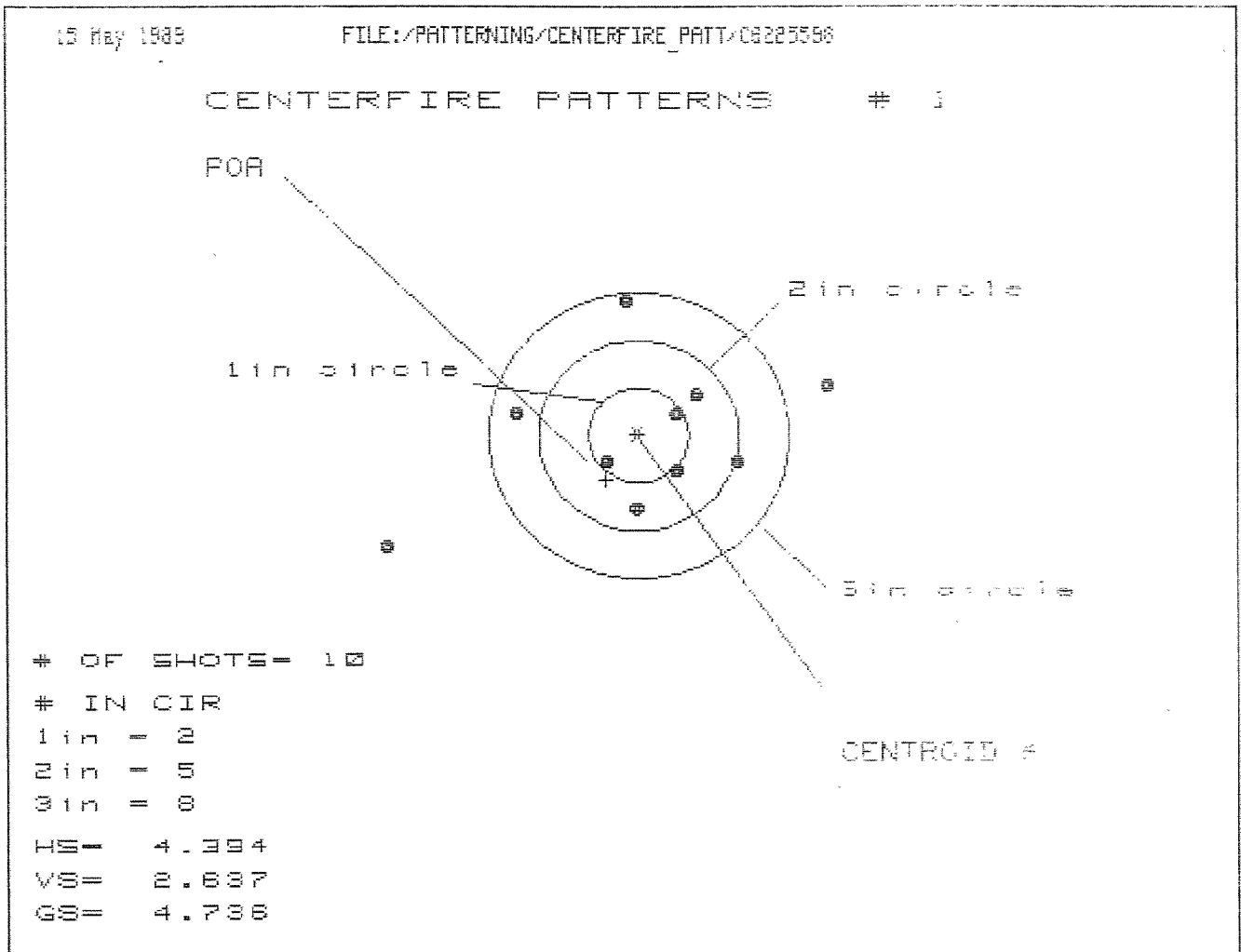
CENTROIDAL DISTANCES

0 TO	1	.568595
1 TO	2	.651356
1 TO	3	.769353
1 TO	4	.391625
1 TO	5	.413513

σ_1
+ σ_2 σ_3 (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4482
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2376
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .507284

THE AMR FOR THIS RIFLE IS: .9178



PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.861	1.579	.943
MINIMUM X	-2.533	-1.547	-1.249
MAXIMUM Y	1.429	1.295	1.348
MINIMUM Y	-1.208	-.915	-.862
CENTROID X	.320	.602	.404
CENTROID Y	.470	.604	.551
POA TO CENTROID in.	.569	.853	.684
MIN RADIUS	.366	.088	.288
MEAN RADIUS	1.136	.897	.618
MAX RADIUS	2.806	1.636	1.364
HORIZONTAL SPREAD	4.394	3.126	2.292
VERTICAL SPREAD	2.637	2.210	2.210
EXTREME SPREAD	4.736	3.143	2.338
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

15 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8223588

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 2

2in = 9

3in = 9

HS = 2.433

VS = 1.598

GS = 2.585

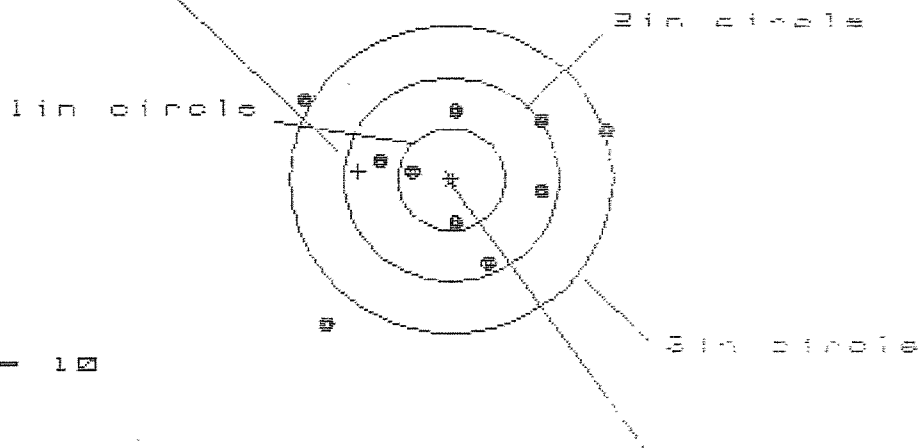
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	9
MAXIMUM X	:	.899	.728	.808
MINIMUM X	:	-1.534	-.952	-.872
MAXIMUM Y	:	.877	.971	1.045
MINIMUM Y	:	-.721	-.627	-.553
CENTROID X	:	.430	.601	.521
CENTROID Y	:	-.172	-.266	-.340
POA TO CENTROID in.	:	.463	.657	.622
MIN RADIUS	:	.312	.153	.128
MEAN RADIUS	:	.823	.670	.635
MAX RADIUS	:	1.748	1.018	1.070
HORIZONTAL SPREAD	:	2.433	1.680	1.680
VERTICAL SPREAD	:	1.598	1.598	1.598
EXTREME SPREAD	:	2.585	1.688	1.688
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		9	

15 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225596

CENTERFIRE PATTERNS # 3

POA



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 7

HS= 2.825

VS= 2.174

GS= 3.185

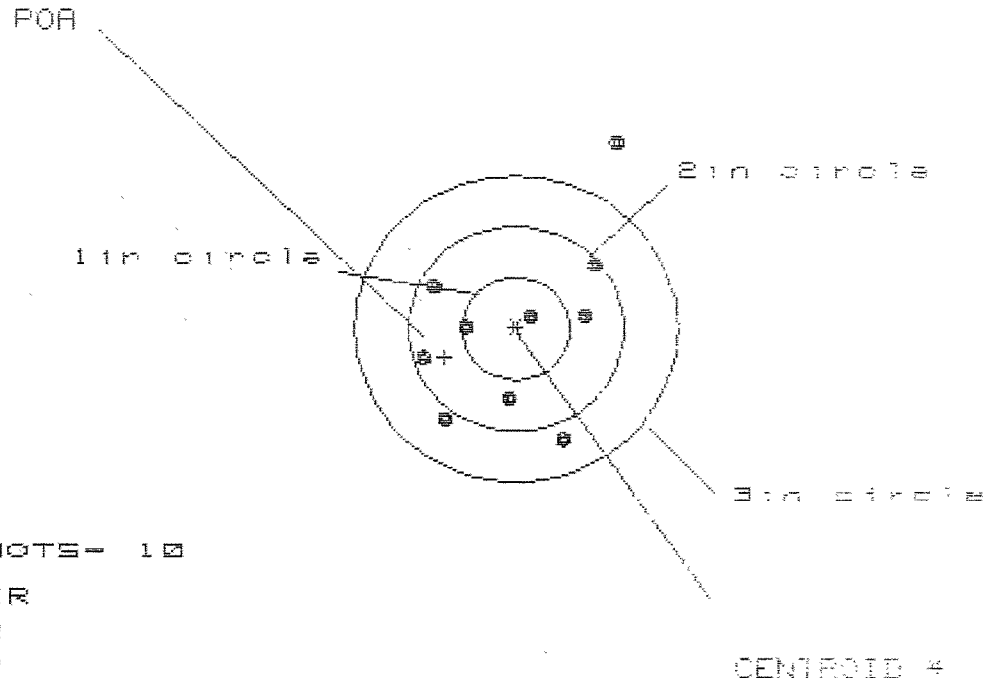
CENTROID #

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.457	1.332	1.145
MINIMUM X	-1.368	-1.493	-1.018
MAXIMUM Y	.778	.623	.588
MINIMUM Y	-1.396	-.953	-.876
CENTROID X	.860	.985	1.172
CENTROID Y	-.078	.077	-.000
POA TO CENTROID in.	.863	.988	1.172
MIN RADIUS	.343	.471	.518
MEAN RADIUS	.979	.884	.783
MAX RADIUS	1.797	1.618	1.287
HORIZONTAL SPREAD	2.825	2.825	2.163
VERTICAL SPREAD	2.174	1.576	1.464
EXTREME SPREAD	3.185	2.843	2.180
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	7	

15 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225556

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 1.827

VS= 2.964

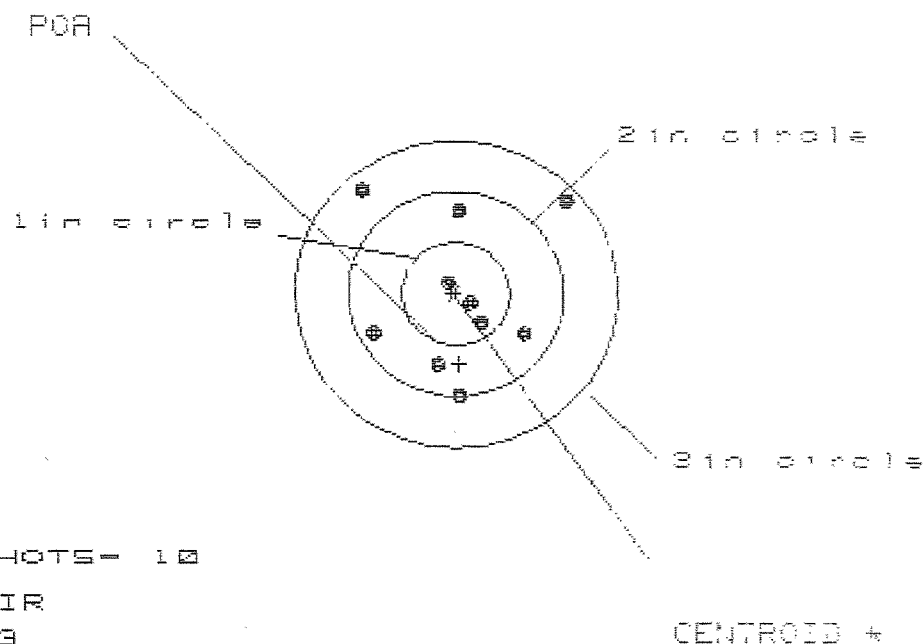
GS= 3.196

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.928	.870	.932
MINIMUM X	-.899	-.796	-.704
MAXIMUM Y	1.853	.794	.681
MINIMUM Y	-1.111	-.906	-.820
CENTROID X	.663	.560	.498
CENTROID Y	.281	.076	.189
POA TO CENTROID in.	.720	.565	.532
MIN RADIUS	.136	.355	.315
MEAN RADIUS	.907	.762	.713
MAX RADIUS	2.072	1.178	1.155
HORIZONTAL SPREAD	1.827	1.666	1.666
VERTICAL SPREAD	2.964	1.700	1.501
EXTREME SPREAD	3.196	2.081	2.081
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

15 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C9225598

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS= 1.940

VS= 1.997

GS= 2.230

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.027	.925	.625
MINIMUM X	-.913	-.903	-.787
MAXIMUM Y	.990	.974	1.037
MINIMUM Y	-1.007	-.897	-.773
CENTROID X	-.032	.070	-.046
CENTROID Y	.687	.577	.455
POA TO CENTROID in.	.688	.581	.458
MIN RADIUS	.131	.020	.162
MEAN RADIUS	.744	.649	.565
MAX RADIUS	1.347	1.343	1.037
HORIZONTAL SPREAD	1.940	1.828	1.412
VERTICAL SPREAD	1.997	1.871	1.812
EXTREME SPREAD	2.230	2.190	1.913
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

CENTROIDAL DISTANCE CALCULATIONS
 FOR RIFLE # 06223598
 13 Jun 1989

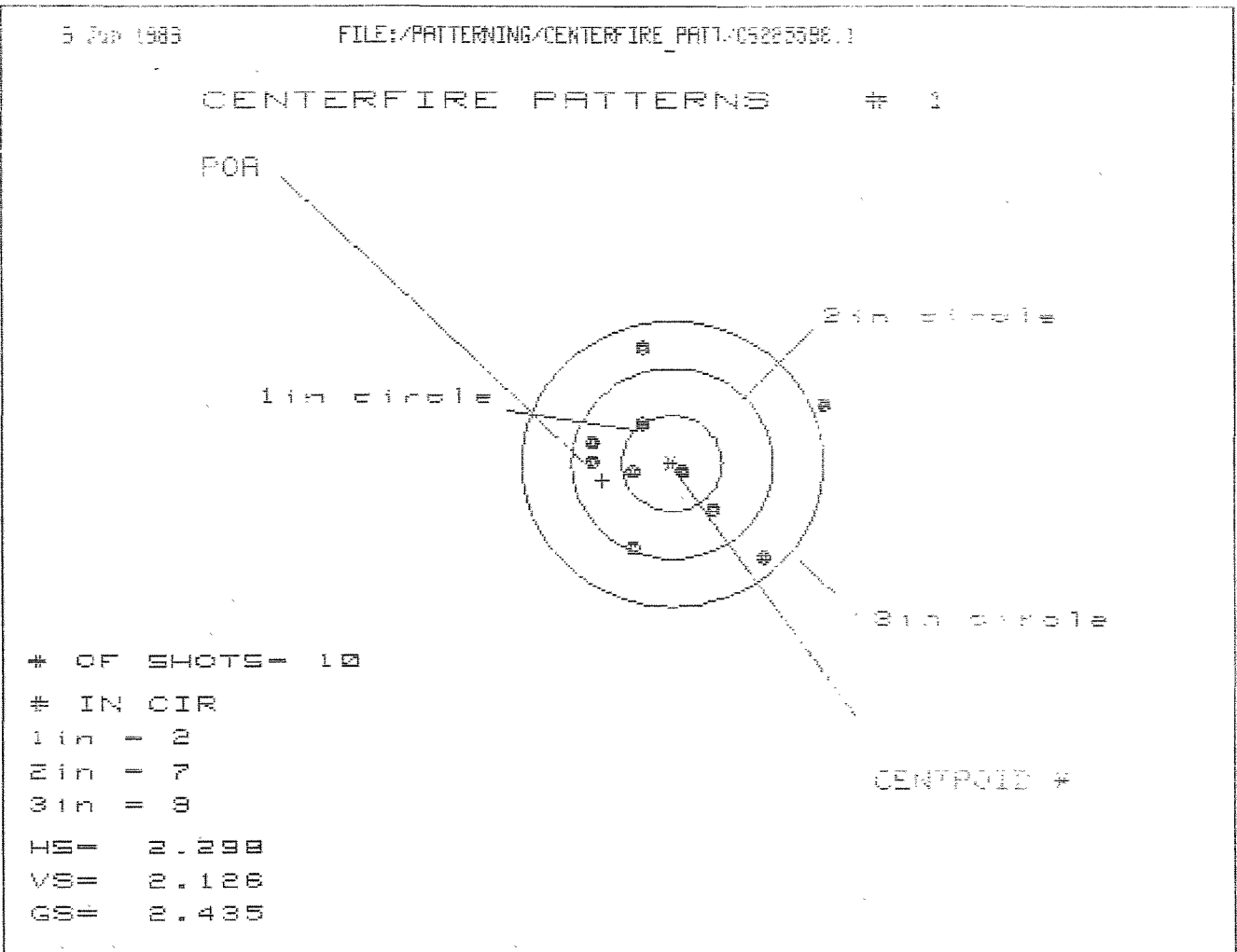
INTERCHANGEABILITY

CENTROIDAL DISTANCES

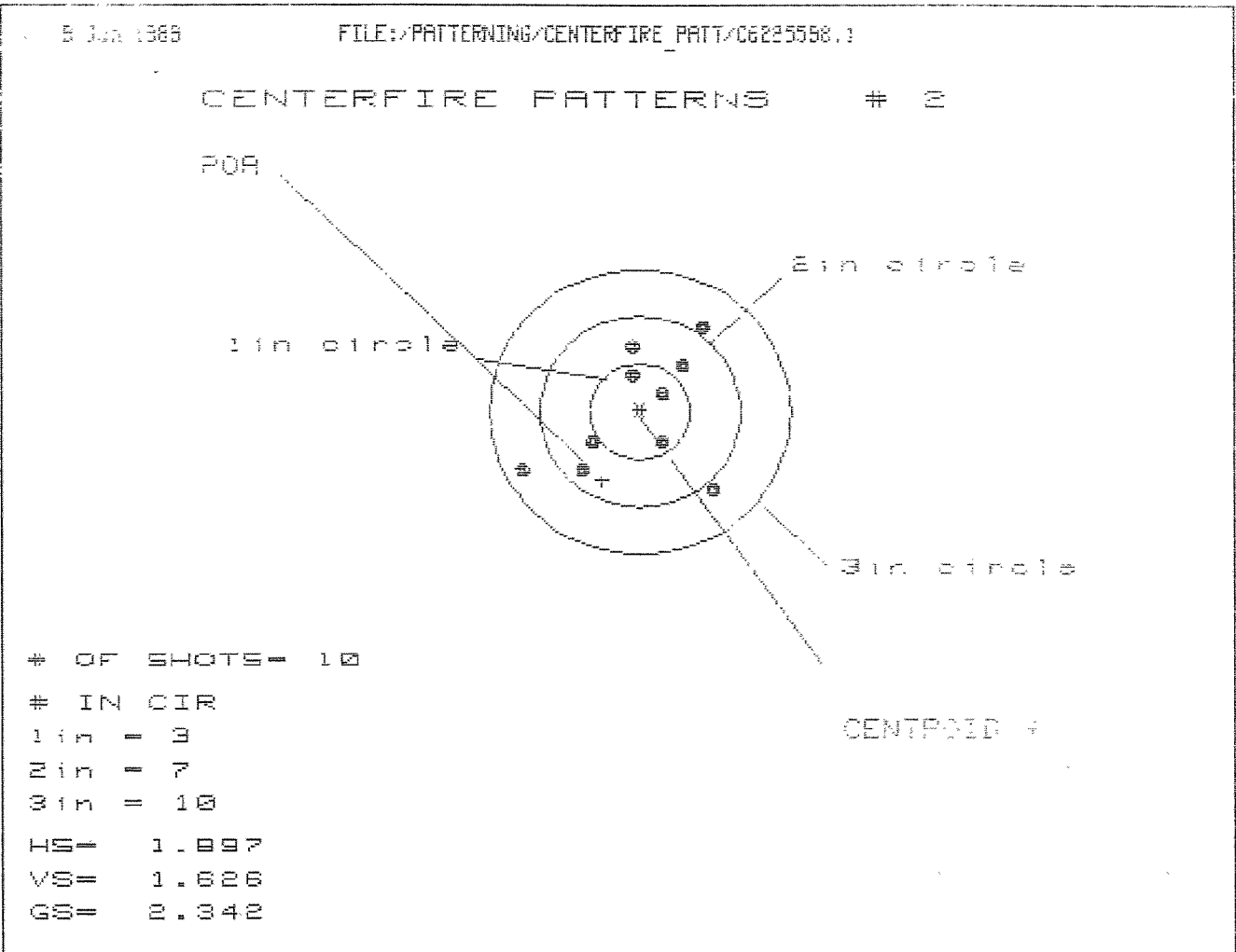
0 TO	1	.716501
1 TO	2	.619284
1 TO	3	.472451
1 TO	4	.626677
1 TO	5	.622693

2
 1 (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3268
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1264
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .352393
 THE AMR FOR THIS RIFLE IS: .7598



PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.476	1.078	.732
MINIMUM X	-.822	-.658	-.524
MAXIMUM Y	1.184	1.250	1.140
MINIMUM Y	-.942	-.876	-.964
CENTROID X	.693	.529	.395
CENTROID Y	.182	.116	.226
POA TO CENTROID in.	.717	.542	.454
MIN RADIUS	.116	.211	.108
MEAN RADIUS	.837	.727	.614
MAX RADIUS	1.590	1.389	1.141
HORIZONTAL SPREAD	2.298	1.736	1.256
VERTICAL SPREAD	2.126	2.126	2.104
EXTREME SPREAD	2.435	2.435	2.106
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

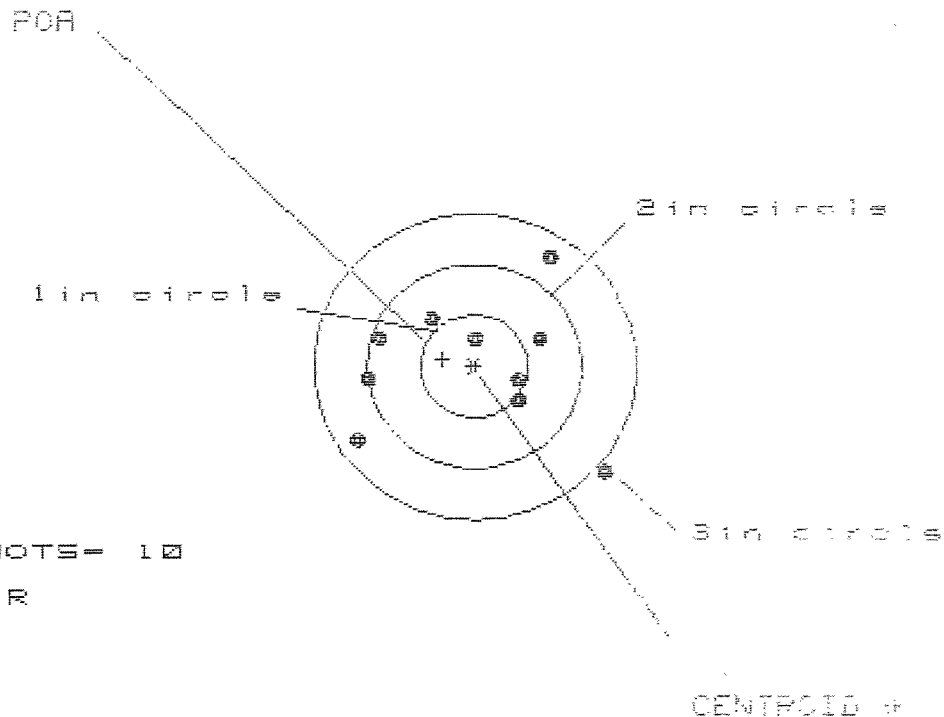


PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.733	.604	.668
MINIMUM X	-1.164	-.713	-.649
MAXIMUM Y	.854	.783	.751
MINIMUM Y	-.772	-.843	-.745
CENTROID X	.376	.505	.441
CENTROID Y	.714	.785	.687
POA TO CENTROID in.	.807	.933	.816
MIN RADIUS	.324	.180	.296
MEAN RADIUS	.738	.648	.619
MAX RADIUS	1.328	1.037	1.000
HORIZONTAL SPREAD	1.897	1.317	1.217
VERTICAL SPREAD	1.626	1.626	1.496
EXTREME SPREAD	2.342	1.947	1.692
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

9 JUL 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225588.1

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 2.283

VS= 2.155

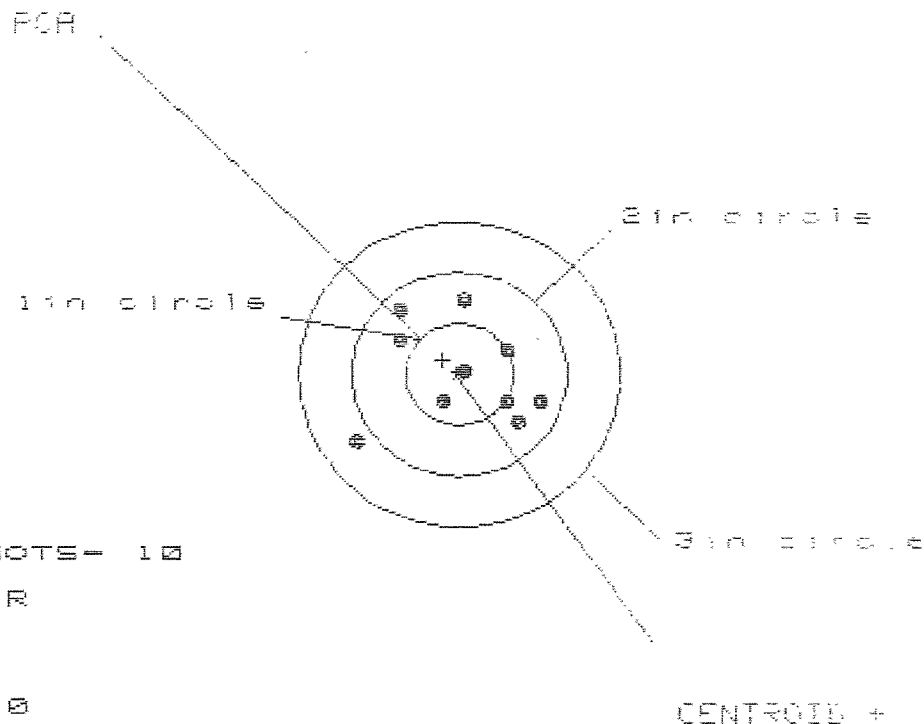
GS= 2.496

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.232	.809	.823
MINIMUM X	-1.051	-.914	-.813
MAXIMUM Y	1.111	.995	.510
MINIMUM Y	-1.044	-.811	-.687
CENTROID X	.294	.157	.056
CENTROID Y	-.071	.045	-.079
POA TO CENTROID in.	.302	.163	.097
MIN RADIUS	.223	.154	.314
MEAN RADIUS	.855	.756	.702
MAX RADIUS	1.615	1.282	1.064
HORIZONTAL SPREAD	2.283	1.723	1.636
VERTICAL SPREAD	2.155	1.806	1.197
EXTREME SPREAD	2.496	2.496	1.895
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	9	

9 Jun 1989

FILE:/PATTERNING/CENTERFIRE_PATT/G9225598.1

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

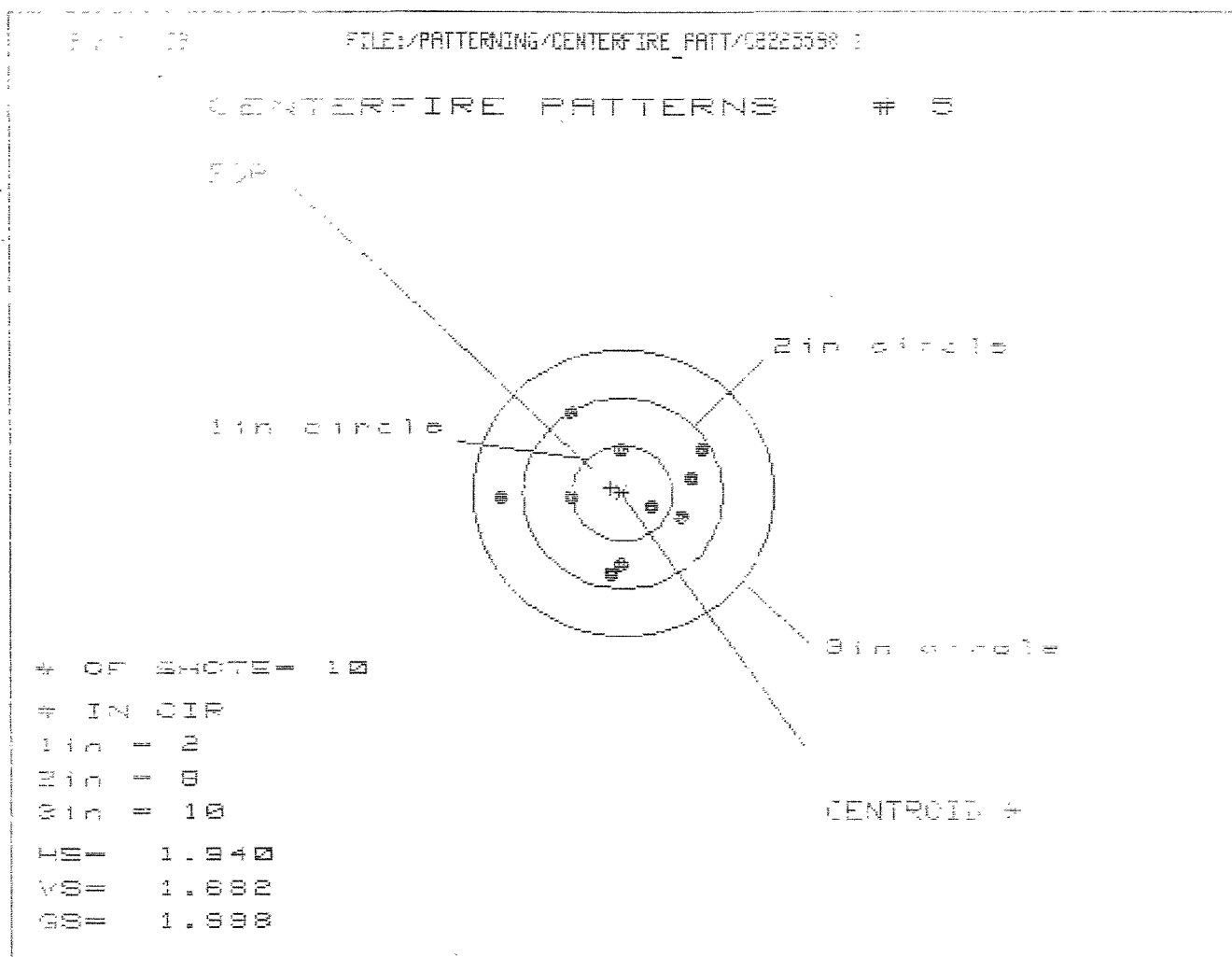
3in = 10

1in = 1.510

VS= 1.344

GS= 1.663

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.703	.602	.519
MINIMUM X	:	-.907	-.664	-.732
MAXIMUM Y	:	.704	.633	.705
MINIMUM Y	:	-.640	-.563	-.491
CENTROID X	:	.153	.254	.337
CENTROID Y	:	-.136	-.065	-.137
POA TO CENTROID in.	:	.205	.262	.364
MIN RADIUS	:	.100	.029	.155
MEAN RADIUS	:	.626	.554	.503
MAX RADIUS	:	1.110	.883	.789
HORIZONTAL SPREAD	:	1.610	1.266	1.251
VERTICAL SPREAD	:	1.344	1.196	1.196
EXTREME SPREAD	:	1.663	1.578	1.354
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			9	
NUMBER IN THREE INCH CIRCLE =			10	



PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.732	.598	.511
MINIMUM X	-1.208	-.695	-.713
MAXIMUM Y	.863	.862	.607
MINIMUM Y	-.819	-.820	-.712
CENTROID X	.118	.252	.339
CENTROID Y	-.057	-.056	-.154
POA TO CENTROID in.	.131	.258	.377
MIN RADIUS	.319	.201	.075
MEAN RADIUS	.743	.669	.588
MAX RADIUS	1.208	1.108	.795
HORIZONTAL SPREAD	1.940	1.293	1.221
VERTICAL SPREAD	1.682	1.682	1.319
EXTREME SPREAD	1.998	1.741	1.542
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

Remington
REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ M24

SERIAL NO.
C6225598

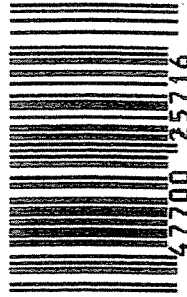
ORDER NO.
5716

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



5716 C6225598

UPC



0 47700 25716 7

Register
C 622 5598

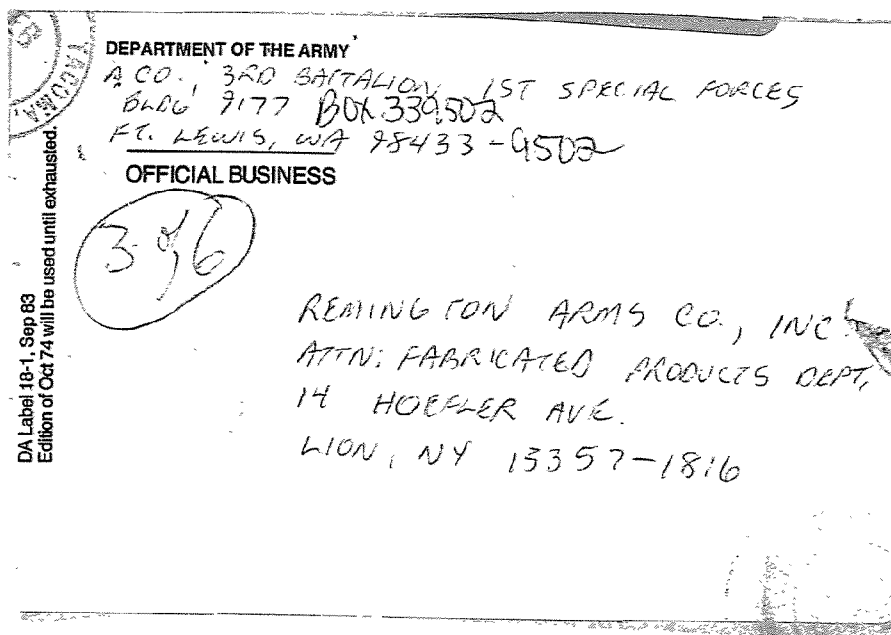
AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C 622 5598DATE 11-2-98TESTER KF

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.38	2.35	2.12		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.07	2.12	2.24		
PULL #3	2.03	2.12	2.20		
PULL #4	2.03	2.04	2.23		
PULL #5	2.02	2.05	2.14		
TOTAL	10.53	10.58	10.99		
AVG.	2.10	2.11	2.19		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.43		
PULL #2	3.07	3.42		
PULL #3	3.07	3.39		
PULL #4	3.13	3.39		
PULL #5	3.04	3.28		
TOTAL	15.61	16.91		
AVG.	3.12	3.38		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.36		4.22
PULL #2	4.25	4.30		4.18
PULL #3	4.25	4.19		4.21
PULL #4	4.26	4.10		4.12
PULL #5	4.26	4.16		4.17
TOTAL	21.28	21.11		20.90
AVG.	4.25	4.22		4.18



CLASSIFIED DOCUMENT ACCOUNTABILITY RECORD						DATE
For use of this form, see AR 380-5; the proponent agency is the Office, Assistant Chief of Staff for Intelligence.						22 Feb 96
SECTION A - GENERAL						
TO: REMINGTON ARMS CO., INC. ATTN: FABRICATED PRODUCTS DEPT. 14 HOEFLER AVE. LION, NY 13357-1816				FROM: A COMPANY, 3RD BATT., 1ST SPECIAL FORCES GROUP FORT LEWIS, WA 98433		
DATE RECEIVED		ACTION OFFICE(S)		SUSPENSE DATE		REGISTER OR CONTROL NO.
CONTROL LOG OR FILE NO.	CLASSIFI- CATION	NUMBER OF COPIES	DESCRIPTION (Type, R or R- or Short Title and N- Unclassified Subject of Indorsements/Incls)	DATE OF DOCUMENT	ORIGINATOR	
1		2	M24 7.62 SNH R RIFLE W/SCOPE MOUNTS - 2 EA, 4 SERIAL # C6348740, C6225598	22 FEB 96	M. Deins	
SECTION B - ROUTING						
I ACKNOWLEDGE RECEIPT OF THE MATERIAL DESCRIBED HEREON						
TO	COPY NO.	DATE	PRINTED NAME	SIGNATURE		
1.						
2.						
3.						
4.						
5.						
SECTION C - DESTRUCTION CERTIFICATE (Check appropriate block)						
MATERIAL DESCRIBED HEREON HAS BEEN:						PAGE OR COPY NO.
☐ DESTROYED ☐ TORN IN HALF AND PLACED IN A CLASSIFIED WASTE CONTAINER (AR 380-5)						
OFFICE SYMBOL	DATE	PRINTED NAME OF CUSTODIAN OR REP			SIGNATURE	
DESTRUCTION RECORD NO.	DATE	PRINTED NAME OF CERTIFYING/DESTR. OFF.			SIGNATURE	
PAGE OR COPY NUMBER	DATE	PRINTED NAME OF WITNESSING OFFIC.			SIGNATURE	
SECTION D - REPRODUCTION ACTION						
NUMBER OF COPIES TO BE REPRODUCED			AUTHORIZED BY			DATE
SECTION E - RECEIPT/TRACER ACTION (Check appropriate block)						
☐ RECEIPT OF DOCUMENT(S) ACKNOWLEDGED ☐ DOCUMENT(S) HAVE NOT BEEN RECEIVED						
☐ TRACER ACTION: SIGNED RECEIPT FOR MATERIAL DESCRIBED ABOVE HAS NOT BEEN RECEIVED.						
DATE	PRINTED NAME, GRADE OR TITLE				SIGNATURE	
COMMENTS						

DA FORM 3964, 1 Jul 79

EDITION OF 1 NOV 72 IS OBSOLETE.

*U.S. GPO: 1989-246-477

DA FORM 2404
1 APR 79

BARBER - M24 **M2400052200**

New Barrel;
Stock

GUN SERIAL

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		3/20/96	RW
600	Proof		3/20/96	RW
607	Check Headspace		3/20/96	RW
610	Dis-assemble Gun		3/20/96	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/1/96	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/1/96	RW
	C) Inspect Ejector Hole for Chamfer		4/1/96	RW
	D) Oil Firing Pin Ass'y		4/1/96	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force			
	G) Safety Off Force			
	H) Trigger Pull Test & Retainability			
	I) Firing Pin Indent			
	J) Assemble Stock		4/1/96	RW
	K) Assemble Swivel Studs			
	L) Attach Front and Rear Sight Assemblies			
	M) Iron Sight Alignment			
	N) Detach Front & Rear Sights & place in numbered container			
	O) Attach Scope to Rifle			
	P) Detach & Attach Scope 20 Times			
640	Gallery Target & Test		4/2/96	RAC
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		4/2/96	RAC
655	Final Inspection			
	A) Headspace		4/4/96	RW
	B) Trigger Pull			
	C) Function		4/4/96	RW
660	Pack			

Final Inspection

S.N. C6225598

DATE REC'D: 2/26/96

DATE RET'D:

AUDITOR: AR

Item:

BARREL ASSY.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

SCOPE ASSY.

☐ SCOPE☐ SCOPE RINGS☐ MOUNTING SCREWS☒ MOUNTING BASE☐ SCREWS☐ FINISH☐ LOOSENESS☐ CLARITY

MISC.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

STOCK ASSY.

☒ STOCK☒ SLING SWIVEL STUDS☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

SYSTEMS CASE

☐ SCOPE CASE☐ IRON SIGHTS☐ DEPLOYMENT KIT

TRIGGER

☒ SAFETY OPERATION☒ SET

Comments: _____

CENTROIDAL DISTANCE CALCULATIONS
 FOR RIFLE # 06225598
 5 Feb 1900

CENTROIDAL DISTANCES

0 TO	1	.667281
1 TO	2	.570223
1 TO	3	.386219
1 TO	4	.154208
1 TO	5	.291002

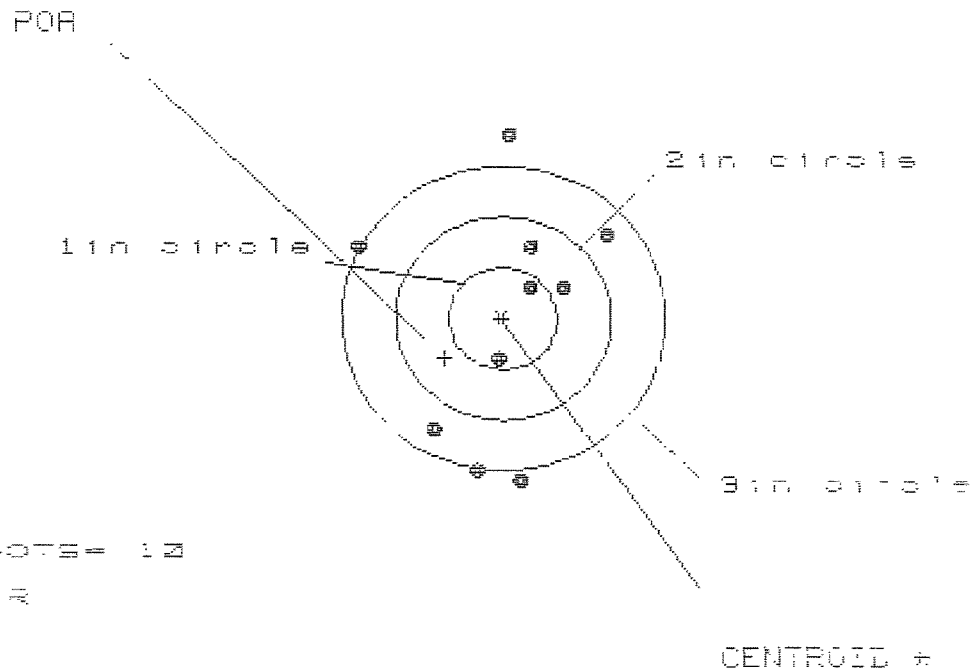
T_2^{54} : ----POR

THE RIFLE COORDINATE FOR THIS RIFLE IS: .0004
 THE RIFLE COORDINATE FOR THIS RIFLE IS: .0004
 THE RIFLE COORDINATE FOR THIS RIFLE IS: .0004
 THE RIFLE COORDINATE FOR THIS RIFLE IS: .0004
 THE RIFLE COORDINATE FOR THIS RIFLE IS: .0004

5 Feb 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C6225598

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

X0 = 0.000

Y0 = 0.407

Z0 = 0.408

PATTERN #		1	2	3
SHOTS (BEST OF)		10	9	8
MAXIMUM X		.959	.967	.984
MINIMUM X		-1.361	-1.353	-1.336
MAXIMUM Y		1.786	1.021	.843
MINIMUM Y		-1.621	-1.422	-1.440
CENTROID X		.540	.532	.515
CENTROID Y		.392	.193	.371
POR TO CENTROID in.		.667	.566	.634
MIN RADIUS		.382	.191	.361
MEAN RADIUS		1.115	1.034	.972
MAX RADIUS		1.788	1.609	1.504
HORIZONTAL SPREAD		2.320	2.320	2.320
VERTICAL SPREAD		3.407	2.443	2.283
EXTREME SPREAD		3.408	2.736	2.567
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	7		

5 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225598

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

XB = 3.572

YB = 2.604

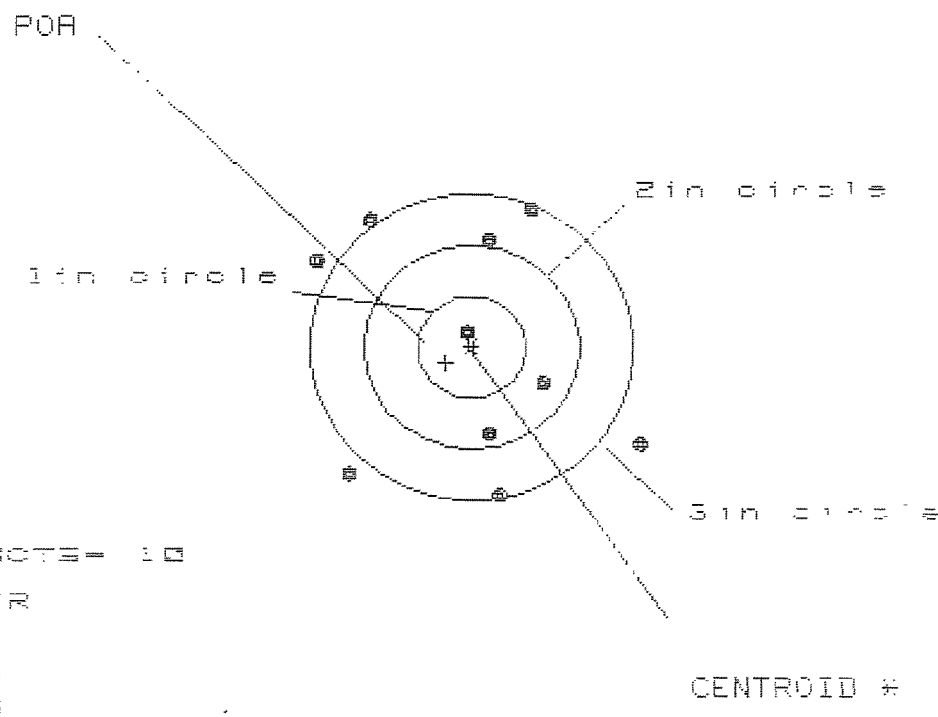
GB = 3.572

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.941	1.257	1.336
MINIMUM X	:	-1.631	-1.416	-1.337
MAXIMUM Y	:	1.776	1.733	.901
MINIMUM Y	:	-.828	-.871	-.655
CENTROID X	:	.463	.248	.169
CENTROID Y	:	-.173	-.130	-.346
POA TO CENTROID in.	:	.495	.280	.386
MIN RADIUS	:	.253	.338	.119
MEAN RADIUS	:	1.092	.976	.812
MAX RADIUS	:	1.979	1.843	1.391
HORIZONTAL SPREAD	:	3.572	2.673	2.673
VERTICAL SPREAD	:	2.604	2.604	1.556
EXTREME SPREAD	:	3.572	2.673	2.715
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

5 Feb 1988

FILE: \PATTERNING\CENTERFIRE_PATT\06225598

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 1

2in = 3

3in = 5

ME = 0.046

MS = 0.788

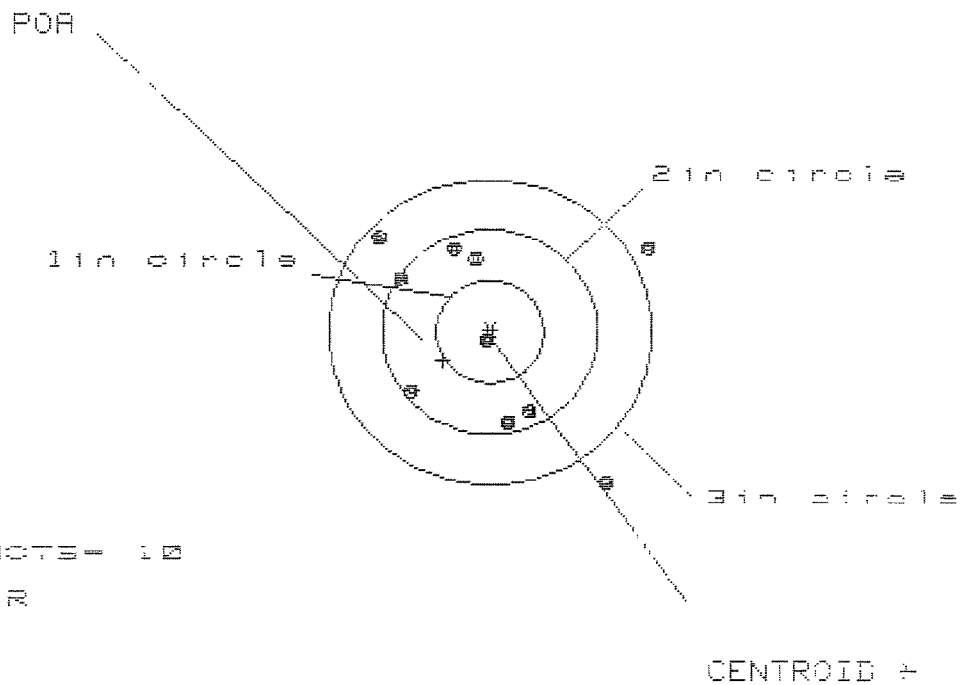
ES = 0.552

PATTERN #	3	3	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.594	.848	.688
MINIMUM X	-1.452	-1.275	-1.096
MAXIMUM Y	1.379	1.275	1.374
MINIMUM Y	-1.411	-1.515	-1.416
CENTROID X	.239	.062	.222
CENTROID Y	.150	.254	.155
POA TO CENTROID in.	.283	.261	.271
MIN RADIUS	.147	.172	.142
MEAN RADIUS	1.246	1.183	1.114
MAX RADIUS	1.847	1.623	1.645
HORIZONTAL SPREAD	3.046	2.123	1.784
VERTICAL SPREAD	2.790	2.790	2.790
EXTREME SPREAD	3.552	3.118	3.118
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	5		

5 Feb 1986

FILE:/PATTERNING/CENTERFIRE_PATT/C8225598

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 1

2in = 7

3in = 8

AS= 2.518

VS= 2.359

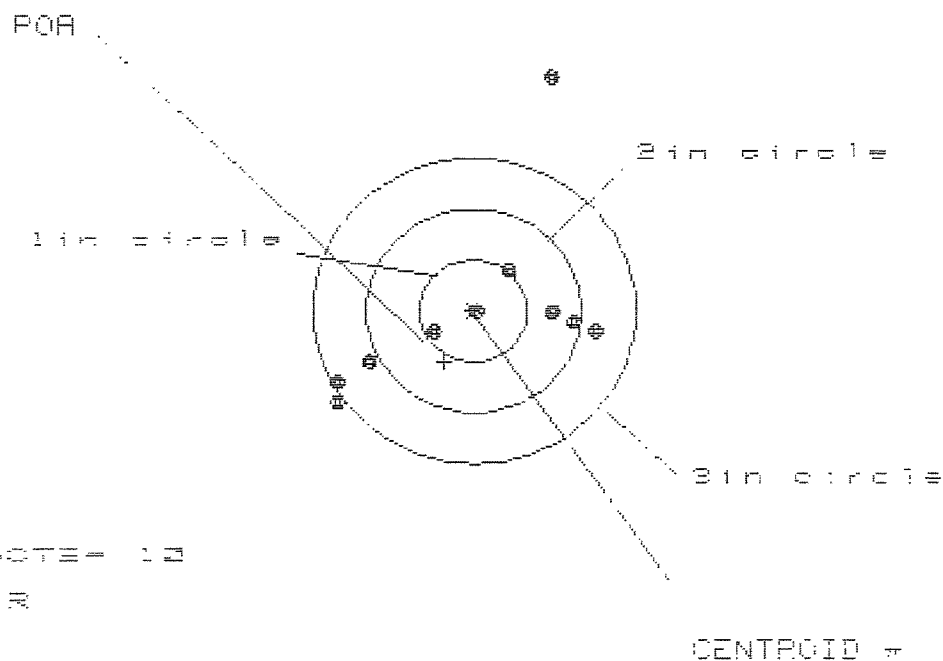
GS= 3.172

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.440	1.556	.703
MINIMUM X	-1.078	-.962	-.767
MAXIMUM Y	.910	.749	.829
MINIMUM Y	-1.449	-1.002	-.922
CENTROID X	.434	.318	.123
CENTROID Y	.280	.441	.361
POA TO CENTROID in.	.516	.543	.382
1in Radius	.500	.500	.500
MEAN RADIUS	1.017	.923	.817
MAX RADIUS	1.785	1.680	1.150
HORIZONTAL SPREAD	2.518	2.518	1.470
VERTICAL SPREAD	2.359	1.751	1.751
EXTREME SPREAD	3.172	2.554	2.277
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

2 Feb 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C6225598

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN ONE

IN TWO

IN THREE

IN FOUR

X = 0.4000

Y = 0.2000

Z = 0.0000

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.159	1.235	1.090
MINIMUM X	-1.243	-1.167	-1.310
MAXIMUM Y	2.345	.672	.586
MINIMUM Y	-.951	-.690	-.557
CENTROID X	.571	.311	.473
CENTROID Y	.503	.242	.328
POA TO CENTROID in.	.571	.311	.473
MIN RADIUS	.042	.306	.229
MEAN RADIUS	1.045	.896	.913
MAX RADIUS	2.444	1.355	1.424
HORIZONTAL SPREAD	2.402	2.402	2.400
VERTICAL SPREAD	3.296	1.362	1.146
EXTREME SPREAD	3.820	2.512	2.455
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	