

C6348845

MODEL 700TM M24

Model SMSTM

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: **RE00087060** Serial: C6348845 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 10/27/2004 9:29:55 AM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: **ELECTRONIC MAIN SHOP GSC 10TH DIV** **ELECTRONIC MAIN SHOP GSC 10TH DIV**

Address 1: **ATTN MSG BARTRON SPC LAUBAUGH** **ATTN MSG BARTRON SPC LAUBAUGH**

Address 2: **BLDG 7426 RM 203 BAD TOELZ** **BLDG 7426 RM 203 BAD TOELZ** PO Box:

City: **FORT CARSON** **FORT CARSON**

State: **CO** Zip Code: **80913** Country: **US** State: **CO** Zip Code: **80913** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Received Condition: Accessories Received:

Phone: Fax: Email: Comments:

Condition: Good Notes: CSR Notes:

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	2
A026	Scope	1
C000	F AND R SGT BASES	1

Repair Search Refresh Close

magletj 10/27/2004 11:58 AM CAPS NUM INS SCRL

start 2 3 2

Serial Number: **C6348845**

Model: **M24 SWS**



RE00087060

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348845.__0
FILE DATE AND TIME: 11/12/2004 22:03

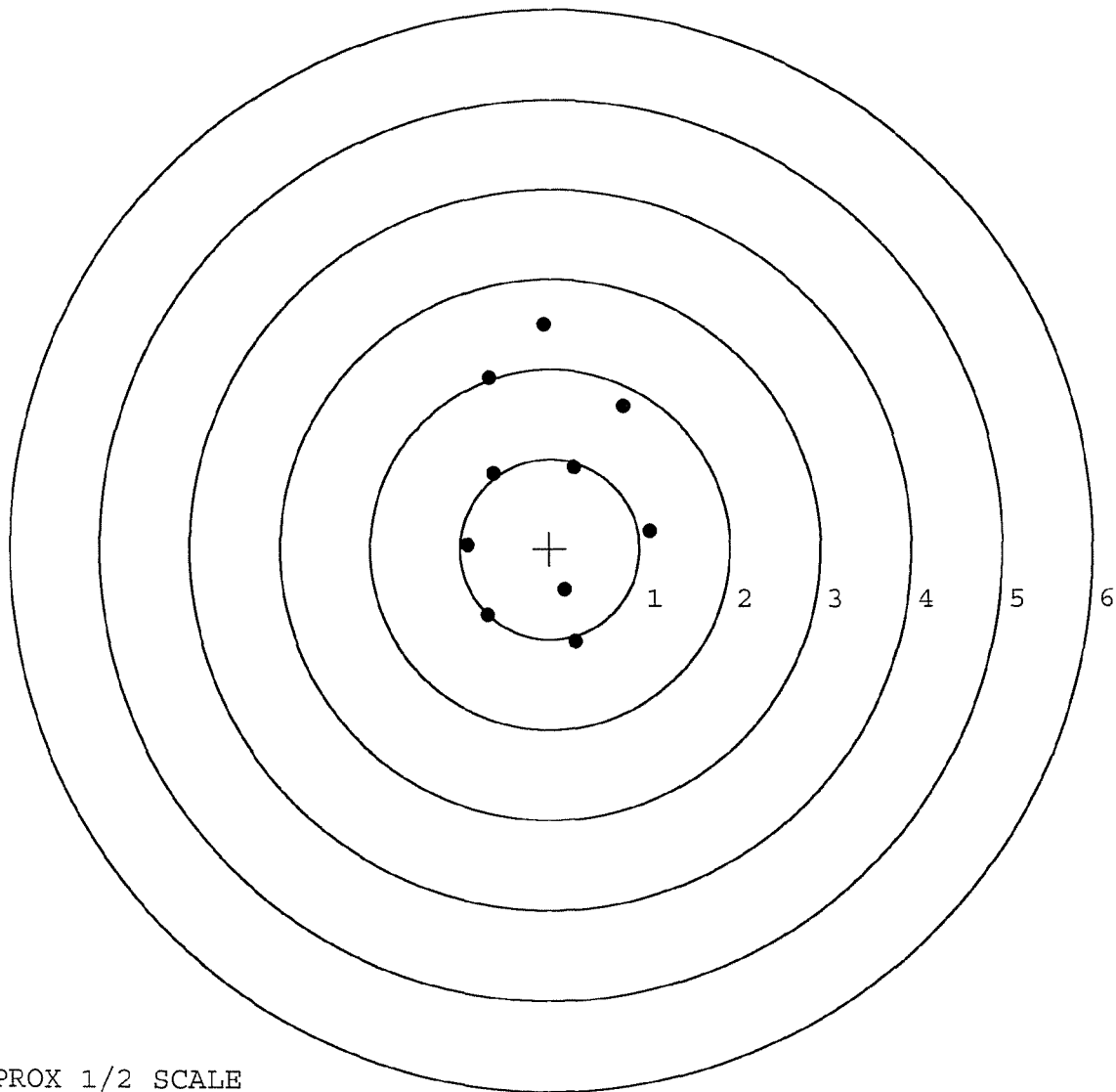
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.036
The Average Y Centroid of the Five Target Set:	-0.066
The Average Point of Impact of the Five Target Set:	0.075
The Average Mean Radius of the Five Target Set:	0.930
The Distance from POA to Centroid Target #1:	0.574
The Distance from Centroid Target #2 to Centroid Target #1:	1.215
The Distance from Centroid Target #3 to Centroid Target #1:	0.714
The Distance from Centroid Target #4 to Centroid Target #1:	0.660
The Distance from Centroid Target #5 to Centroid Target #1:	0.650

SERIAL NUMBER: C6348845. __0
TARGET NUMBER: 1
FILE DATE: 11/12/2004
FILE TIME: 22:03

POINT#	X	Y
1:	1.112	0.198
2:	0.292	-1.032
3:	0.168	-0.457
4:	-0.696	-0.739
5:	-0.918	0.043
6:	-0.630	0.835
7:	0.271	0.907
8:	0.816	1.587
9:	-0.680	1.903
10:	-0.075	2.489

X CENTROID: -0.034
Y CENTROID: 0.573
POA TO CENTROID: 0.574
HORZ SPREAD: 2.030
VERT SPREAD: 3.521
GROUP SPREAD: 3.540
MIN RADIUS: 0.452
MAX RADIUS: 1.916
MEAN RADIUS: 1.221
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 2
in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348845. __0

TARGET NUMBER: 2

FILE DATE: 11/12/2004

FILE TIME: 22:03

POINT#	X	Y
1:	0.629	-0.249
2:	-0.277	-0.864
3:	-0.749	-0.054
4:	0.042	1.516
5:	0.282	0.170
6:	0.074	0.232
7:	-0.228	0.455
8:	1.498	-2.606
9:	1.071	-2.445
10:	0.345	-2.192

X CENTROID: 0.269

Y CENTROID: -0.604

POA TO CENTROID: 0.661

HORZ SPREAD: 2.247

VERT SPREAD: 4.122

GROUP SPREAD: 4.372

MIN RADIUS: 0.506

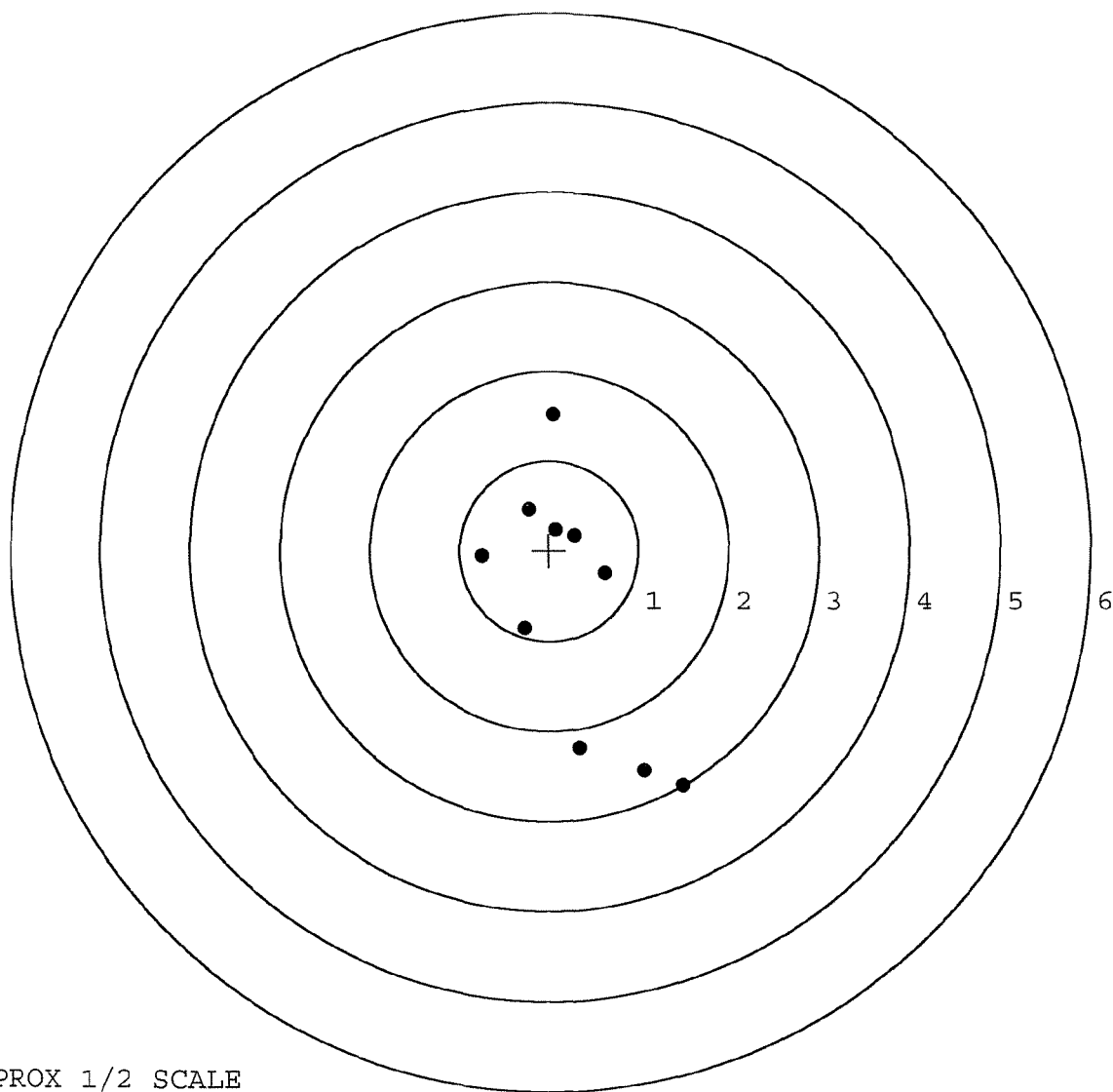
MAX RADIUS: 2.350

MEAN RADIUS: 1.315

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 6



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348845. 0

TARGET NUMBER: 3

FILE DATE: 11/12/2004

FILE TIME: 22:03

POINT#	X	Y
1:	0.209	-1.226
2:	-0.127	-0.710
3:	0.357	-0.314
4:	0.041	-0.042
5:	-0.477	-0.274
6:	0.234	0.382
7:	0.001	0.631
8:	-0.517	0.384
9:	0.372	0.122
10:	-0.187	-0.355

X CENTROID: -0.009

Y CENTROID: -0.140

POA TO CENTROID: 0.141

HORZ SPREAD: 0.889

VERT SPREAD: 1.857

GROUP SPREAD: 1.869

MIN RADIUS: 0.110

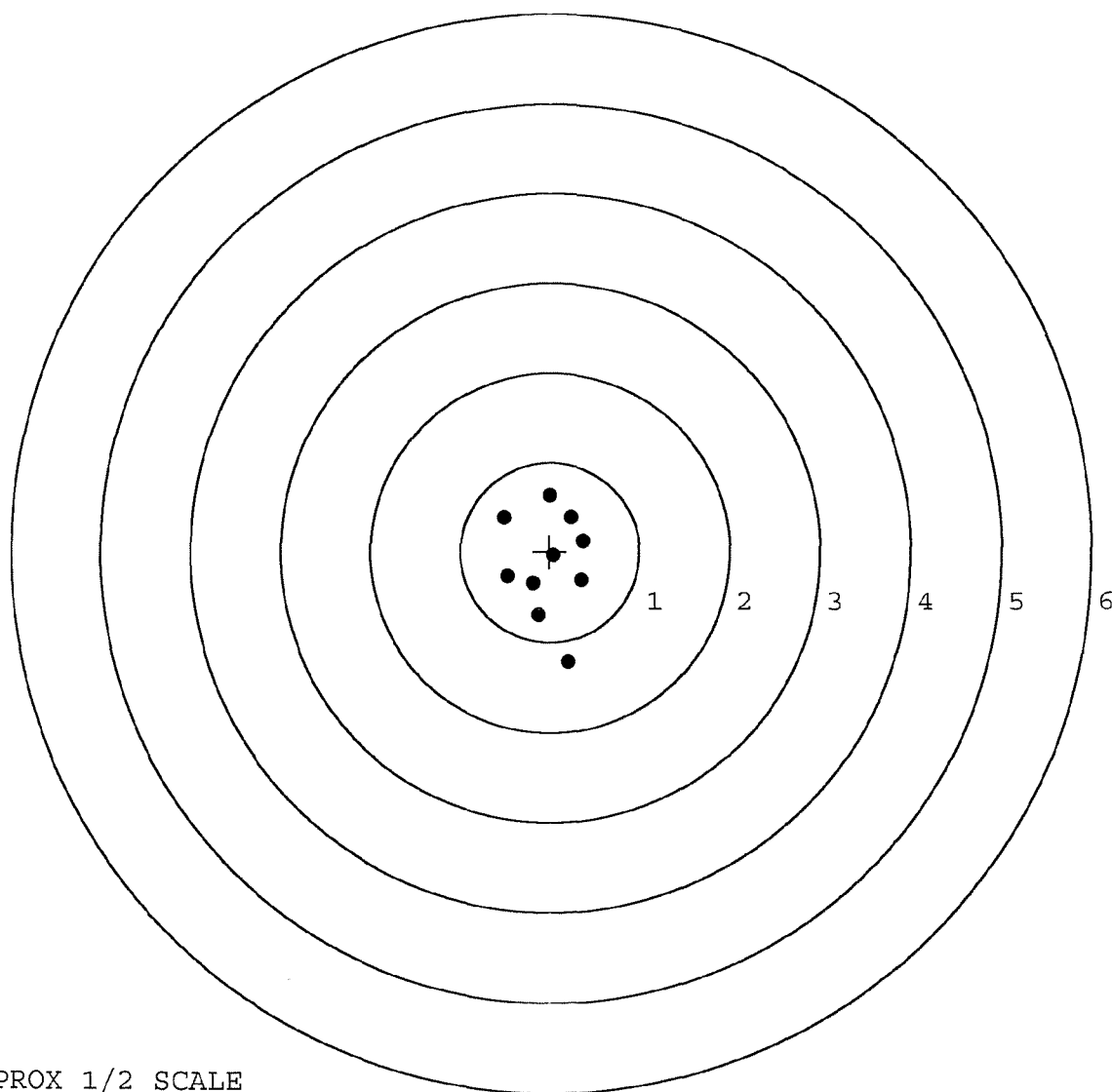
MAX RADIUS: 1.108

MEAN RADIUS: 0.551

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

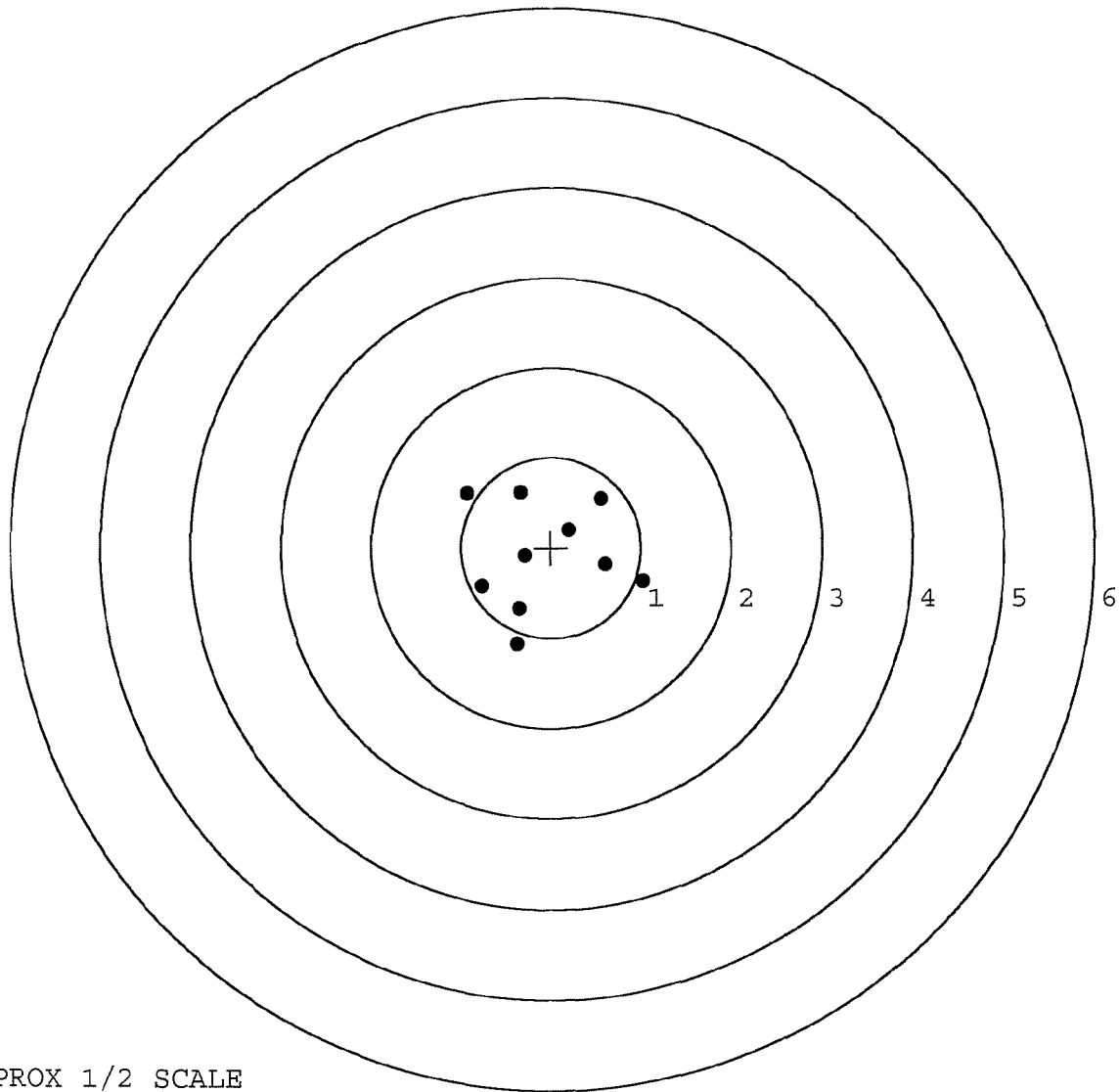


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348845. __0
TARGET NUMBER: 4
FILE DATE: 11/12/2004
FILE TIME: 22:03

X CENTROID: -0.068
Y CENTROID: -0.086
POA TO CENTROID: 0.110
HORZ SPREAD: 1.960
VERT SPREAD: 1.682
GROUP SPREAD: 2.189
MIN RADIUS: 0.224
MAX RADIUS: 1.129
MEAN RADIUS: 0.763
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.024	-0.373
2:	0.612	-0.182
3:	0.556	0.546
4:	-0.936	0.602
5:	-0.767	-0.421
6:	-0.355	-0.675
7:	-0.377	-1.073
8:	-0.292	-0.090
9:	0.194	0.196
10:	-0.342	0.609

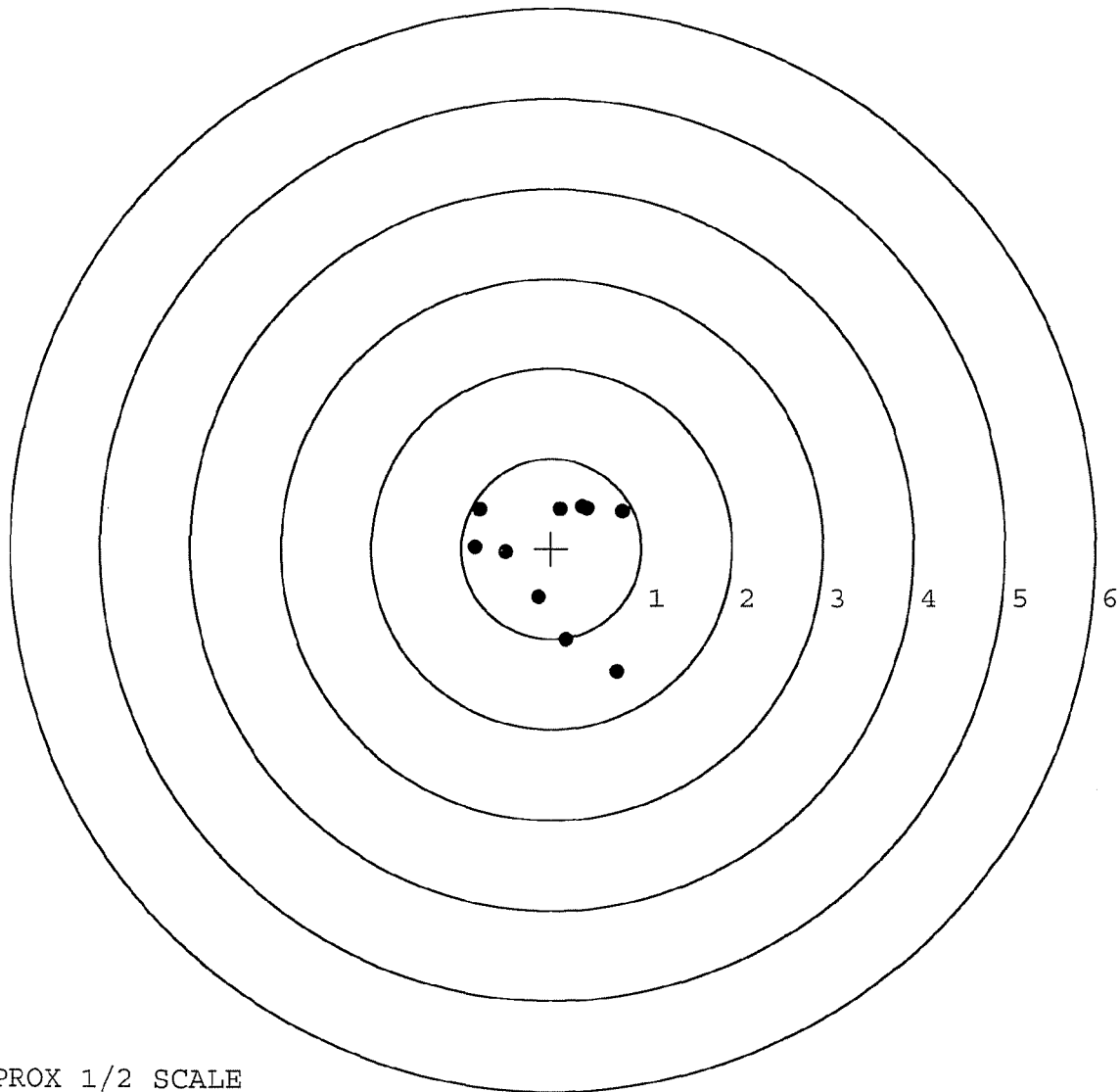


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348845. __0
TARGET NUMBER: 5
FILE DATE: 11/12/2004
FILE TIME: 22:03

X CENTROID: 0.021
Y CENTROID: -0.075
POA TO CENTROID: 0.078
HORZ SPREAD: 1.642
VERT SPREAD: 1.843
GROUP SPREAD: 2.374
MIN RADIUS: 0.497
MAX RADIUS: 1.483
MEAN RADIUS: 0.801
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.791	0.413
2:	0.394	0.447
3:	0.094	0.437
4:	-0.508	-0.042
5:	-0.851	0.025
6:	-0.801	0.434
7:	-0.145	-0.543
8:	0.160	-1.015
9:	0.738	-1.373
10:	0.341	0.470



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	87060		
SERIAL NUMBER	C-6348845		
LOG-IN DATE	10/27/04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-29-04	RTZ
560 A	RE-BARREL	11-2-04	RTZ
B	DRILL AND TAP	11-4-04	TRW
575	ASSEMBLE	11-2-04	RTZ
600	PROOF	11-3-04	RTZ
605	CHECK HEADSPACE	11-3-04	RTZ
610	DIS-ASSEMBLE GUN	11-4-04	RTZ
612	MAGNAFLUX		
615	ROLLMARK CALIBER	11/5/04	LB
618	ROTO-BLAST	11-6-04	LB
620	APPLY COATINGS	11/9	HP
625 A	FINAL ASSEMBLY	11-12-04	RTZ
B	TRIGGER PULL TEST	N/A	N/A
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-12-04	TRW
655	FINAL INSPECT	11-17-04	AC
660	PACK	11-17-04	RA
		SHIP DATE	
QAR INSPECTION DATE			




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

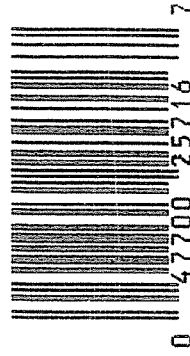
MODEL 700™ H24

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

SERIAL NO.
C6048845

ORDER NO.
5716

UPC



5716 C6048845

INTERCHANGEABILITY

M-24

Scat 07-10

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348845

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	7 11 89	RW
600	Proof		7 11 88	RW
607	Check Headspace		7 11 88	RW
610	Dis-assemble Gun		7 11 88	RW
612	Magnaflux Barrel Action		7/13	KCR
	Magnaflux Bolt		7/13	KCR
615	Rollmark Caliber		7/13	DS
617	Drill and Tap Sight Holes	7 13	89	
618	Polish Barrel <i>RW</i>	7 13	89	
620	Apply Coatings (Barrel Action)		7/13/89	TSA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		7/25/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/25/89	RW
	C) Inspect Ejector Hole for Chamfer		7/25/89	RW
	D) Oil Firing Pin Ass'y		7/25/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		31/10/89	DS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	3	3			3/16/89	JS
	G) Safety Off Force	3	3	3			3/16/89	JS
	H) Trigger Pull Test & Retainability						3/16/89	JS
	I) Firing Pin Indent	.020	.0205	.020			3/16/89	JS
	J) Assemble Stock						8/1/89	RW
	K) Assemble Swivel Studs						Aug 89	JS
	L) Attach Front and Rear Sight Assemblies						8/1/89	RW
	M) Iron Sight Alignment						8/1/89	RW
	N) Detach Front & Rear Sights & place in numbered container						8/1/89	RW
	O) Attach Scope to Rifle						8/1/89	WB
	P) Detach & Attach Scope 20 Times						8/1/89	WB
640	Gallery Target & Test	69 R	81 L				8/2/89	A
	A) Time						8-2-89	A
	B) Malfunctions						8-2-89	A
	C) Pierced Primers						8-2-89	A
	D) Optical Clarity of Scope						8-2-89	A
645	Inspect for Live Ammo						8-2-89	A
655	Final Inspection							
	A) Headspace						Aug 89	JS
	B) Trigger Pull	2.57	2.42	2.52	2.58	2.49	Aug 89	JS
	C) Function						Aug 89	JS
660	Pack						20 Sep 89	JS

SWS TRIGGER PULL TEST

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

SERIAL NO. 8845
DATE 3-26-90
TESTER JY

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.48	2.48	2.44	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.31	2.42	2.50	
PULL #3	2.44	2.47	2.53	
PULL #4	2.44	2.52	2.56	
PULL #5	2.44	2.52	2.51	
TOTAL	12.11	12.41	12.54	
AVG.	2.422	2.482	2.508	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.50	3.56	
PULL #2	3.51	3.50	
PULL #3	3.57	3.53	
PULL #4	3.60	3.57	
PULL #5	3.62	3.60	
TOTAL	17.80	17.76	
AVG.	3.56	3.552	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.34		
PULL #2	4.35	4.41		
PULL #3	4.38	4.40		
PULL #4	4.32	4.43		
PULL #5	4.34	4.43		
TOTAL	21.67	22.01		
AVG.	4.334	4.486		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348845
3 Aug 1989

CENTROIDAL DISTANCES

0	TO	1	.333444
1	TO	2	.1854
1	TO	3	.294613
1	TO	4	.500634
1	TO	5	.470323

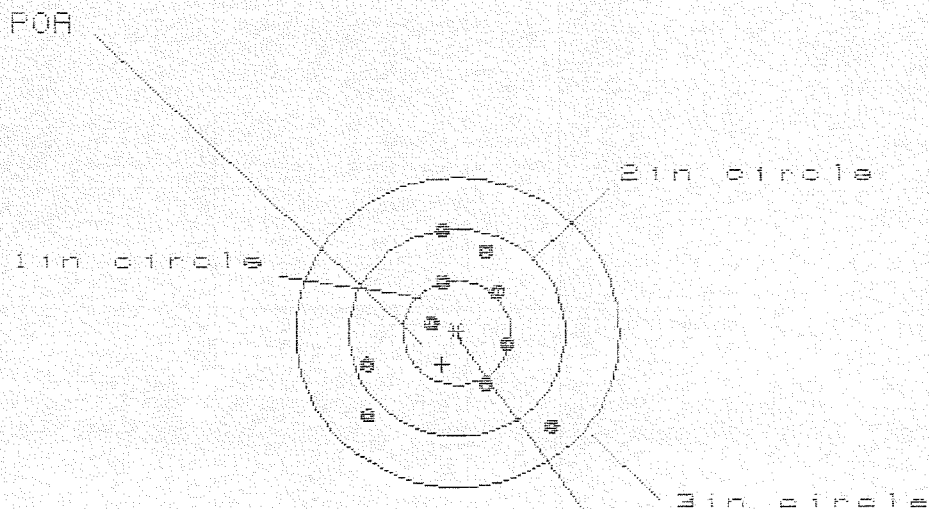
$\frac{J^3}{E+}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1948
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1478
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .244524
THE AMR FOR THIS RIFLE IS: .8946

2 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348845

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS = 1.695

VS = 1.981

GS = 2.188

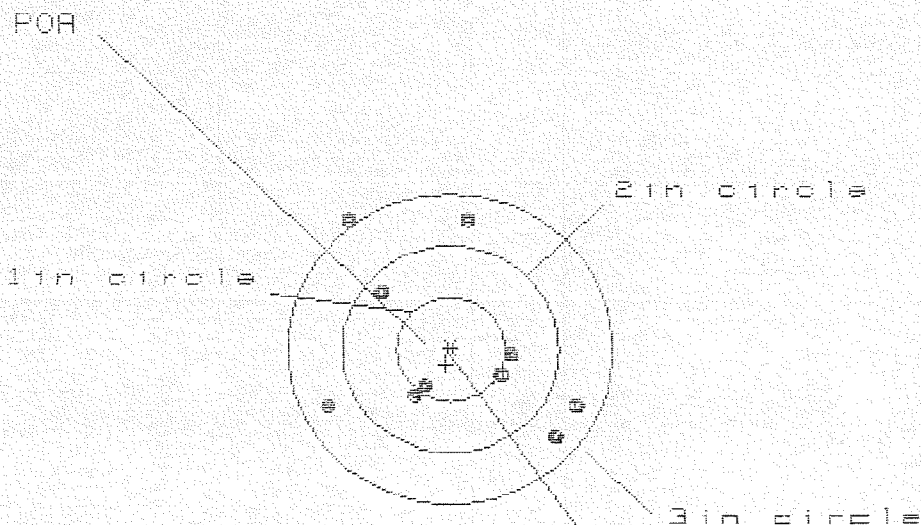
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.830	.583	.491
MINIMUM X	-.865	-.773	-.865
MAXIMUM Y	1.034	.929	.812
MINIMUM Y	-.947	-.934	-.754
CENTROID X	.137	.045	.137
CENTROID Y	.304	.409	.526
POA TO CENTROID in.	.333	.412	.544
MIN RADIUS	.219	.123	.262
MEAN RADIUS	.753	.679	.595
MAX RADIUS	1.259	1.192	1.013
HORIZONTAL SPREAD	1.695	1.356	1.356
VERTICAL SPREAD	1.981	1.863	1.566
EXTREME SPREAD	2.188	2.002	1.615
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

2 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348845

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 9

HS = 2.329

VS = 2.118

GS = 2.824

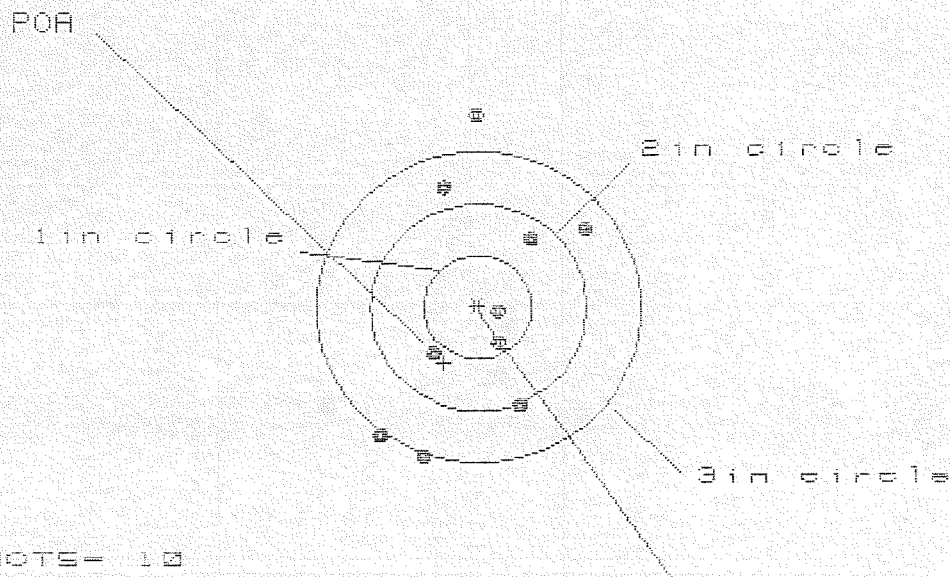
CENTROID *

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.206	1.104	.981
MINIMUM X	:	-1.123	-1.225	-1.087
MAXIMUM Y	:	1.233	1.350	1.294
MINIMUM Y	:	-.885	-.748	-.804
CENTROID X	:	.040	.142	.004
CENTROID Y	:	.146	.009	.065
POA TO CENTROID in.	:	.151	.142	.066
MIN RADIUS	:	.412	.388	.330
MEAN RADIUS	:	.952	.863	.818
MAX RADIUS	:	1.540	1.352	1.310
HORIZONTAL SPREAD	:	2.329	2.329	2.060
VERTICAL SPREAD	:	2.118	2.098	2.098
EXTREME SPREAD	:	2.824	2.330	2.236
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

2 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CS340045

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 1.865

VS= 3.277

GS= 3.323

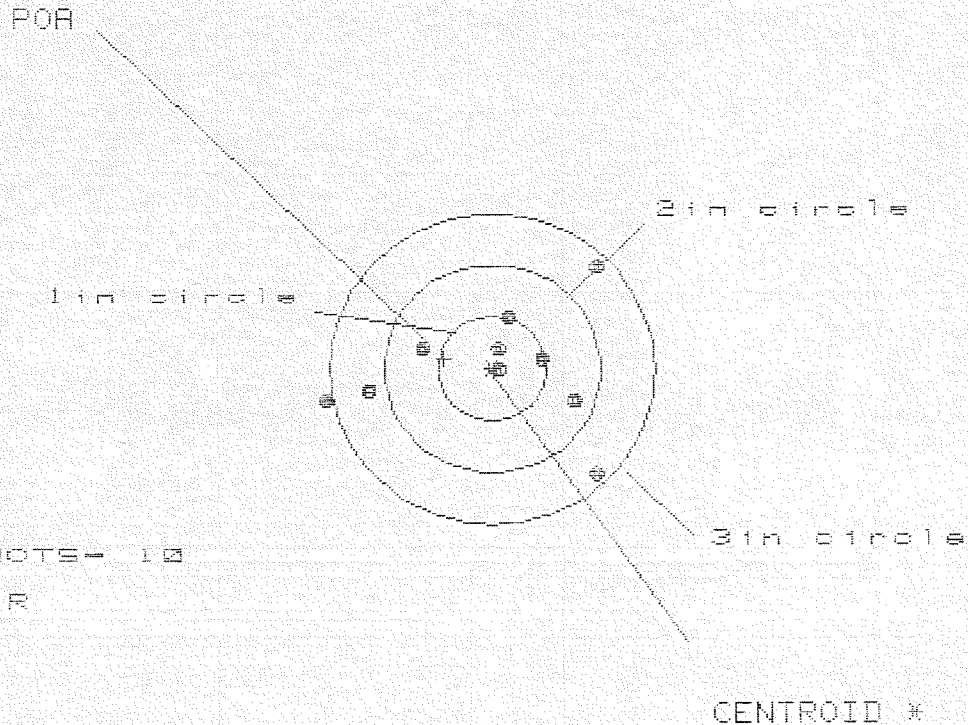
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.992	.994	.929
MINIMUM X	:	-.873	-.871	-.936
MAXIMUM Y	:	1.816	1.368	1.211
MINIMUM Y	:	-1.462	-1.260	-1.157
CENTROID X	:	.316	.314	.379
CENTROID Y	:	.538	.337	.494
POA TO CENTROID in.	:	.624	.460	.623
MIN RADIUS	:	.169	.176	.187
MEAN RADIUS	:	1.025	.910	.845
MAX RADIUS	:	1.816	1.411	1.488
HORIZONTAL SPREAD	:	1.865	1.865	1.865
VERTICAL SPREAD	:	3.277	2.628	2.368
EXTREME SPREAD	:	3.323	2.716	2.716
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

2 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348845

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 5

3 in = 9

HS= 2.582

VS= 1.982

GS= 2.884

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.005	.830	.928
MINIMUM X	-1.577	-1.299	-1.201
MAXIMUM Y	.958	.919	.786
MINIMUM Y	-1.024	-1.063	-.913
CENTROID X	.442	.617	.519
CENTROID Y	-.093	-.054	.078
POA TO CENTROID in.	.452	.619	.525
MIN RADIUS	.077	.110	.062
MEAN RADIUS	.821	.712	.618
MAX RADIUS	1.615	1.323	1.253
HORIZONTAL SPREAD	2.582	2.129	2.129
VERTICAL SPREAD	1.982	1.982	1.300
EXTREME SPREAD	2.894	2.417	2.417
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

2 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348845

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.058

VS= 2.498

GS= 2.666

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.854	.767	.628
MINIMUM X	-1.204	-1.109	-1.875
MAXIMUM Y	1.337	.934	.908
MINIMUM Y	-1.161	-1.012	-1.038
CENTROID X	.039	-.056	.083
CENTROID Y	-.156	-.305	-.279
POA TO CENTROID in.	.161	.310	.291
MIN RADIUS	.328	.319	.277
MEAN RADIUS	.922	.833	.781
MAX RADIUS	1.586	1.208	1.104
HORIZONTAL SPREAD	2.058	1.876	1.503
VERTICAL SPREAD	2.498	1.946	1.946
EXTREME SPREAD	2.666	2.196	2.006
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348845
15 Sep 1989

CENTROIDAL DISTANCES

0	TO	1	.540951
1	TO	2	.390959
1	TO	3	1.14171
1	TO	4	.509405
1	TO	5	.814416

$\frac{1}{n} \sum_{i=1}^n x_i^3$ <---- POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3448
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.085
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .355123

THE AMR FOR THIS RIFLE IS: .984

INTERCHANGEABILITY

15 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/0834B845.1.1

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 0

2 in = 4

3 in = 7

HS = 3.243

VS = 2.256

GS = 3.367

CENTROID *

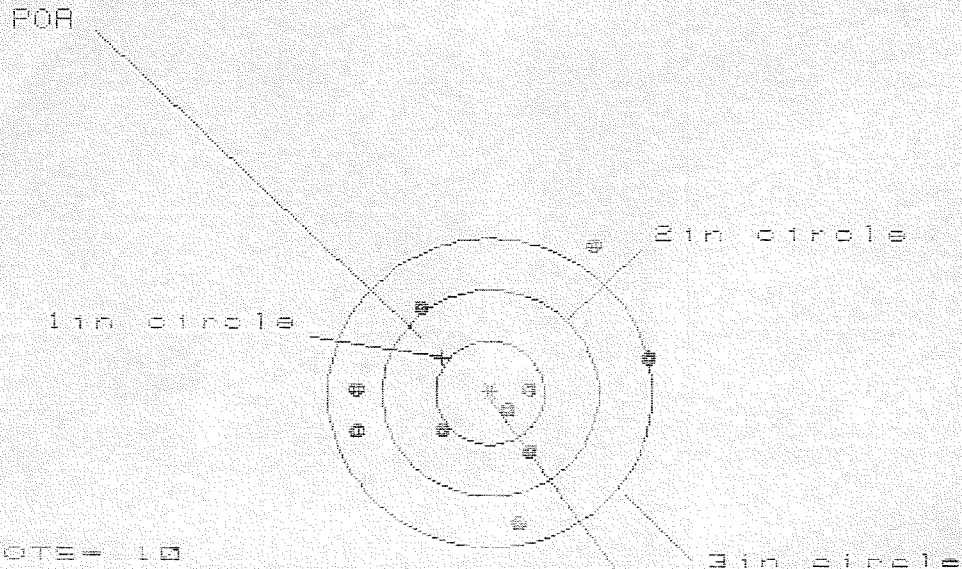
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.661	1.791	1.712
MINIMUM X	-1.582	-1.452	-1.228
MAXIMUM Y	.864	.709	.624
MINIMUM Y	-1.392	-1.781	-1.866
CENTROID X	.098	-.032	-.256
CENTROID Y	-.532	-.377	-.292
POA TO CENTROID in.	.541	.379	.388
MIN RADIUS	.507	.504	.480
MEAN RADIUS	1.216	1.122	.988
MAX RADIUS	1.815	1.917	1.744
HORIZONTAL SPREAD	3.243	3.243	2.940
VERTICAL SPREAD	2.256	1.490	1.490
EXTREME SPREAD	3.367	3.367	2.947
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

INTERCHANGEABILITY

15 Sep 1989

FILE: \PATTERNING\CENTERFIRE_PATT\08346845.1.1

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 9

HS = 2.665

VS = 2.710

GS = 2.822

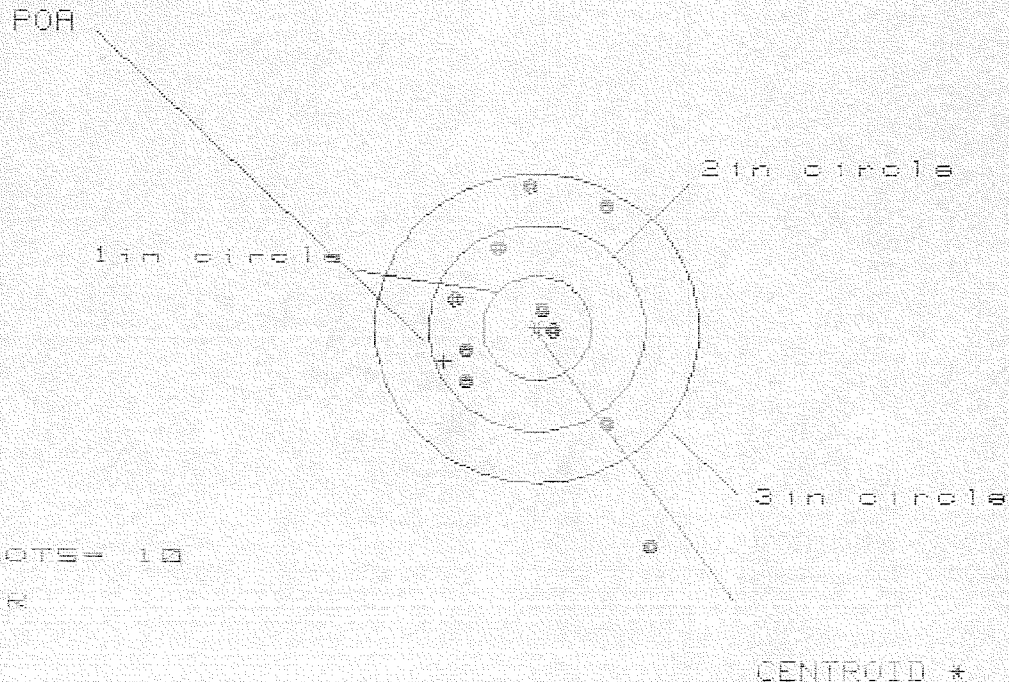
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.442	1.553	.659
MINIMUM X	:	-1.223	-1.112	-.918
MAXIMUM Y	:	1.442	.976	1.034
MINIMUM Y	:	-1.268	-1.107	-1.049
CENTROID X	:	.438	.327	.133
CENTROID Y	:	-.339	-.500	-.558
POA TO CENTROID in.	:	.554	.597	.574
MIN RADIUS	:	.178	.230	.203
MEAN RADIUS	:	.984	.879	.781
MAX RADIUS	:	1.753	1.621	1.191
HORIZONTAL SPREAD	:	2.665	2.665	1.577
VERTICAL SPREAD	:	2.710	2.083	2.083
EXTREME SPREAD	:	2.822	2.717	2.271
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

INTERCHANGEABILITY

15 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8346845.1.1

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 1.822

VS= 3.588

CS= 3.775

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.072	.760	.763
MINIMUM X	:	-.750	-.631	-.628
MAXIMUM Y	:	1.426	1.186	1.115
MINIMUM Y	:	-2.162	-1.141	-.993
CENTROID X	:	.858	.739	.736
CENTROID Y	:	.320	.560	.412
FOR TO CENTROID IN.	:	.916	.927	.844
MIN RADIUS	:	.153	.129	.144
MEAN RADIUS	:	.976	.790	.724
MAX RADIUS	:	2.413	1.371	1.351
HORIZONTAL SPREAD	:	1.822	1.391	1.391
VERTICAL SPREAD	:	3.588	2.327	2.168
EXTREME SPREAD	:	3.775	2.442	2.122
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

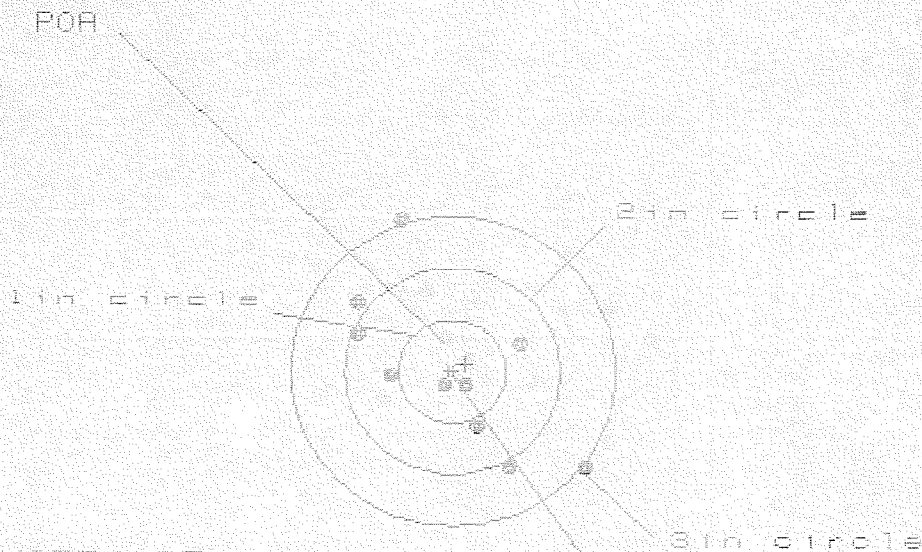
INTERCHANGEABILITY

15 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C9340845.1.1

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

US= 2.092

VS= 2.370

CS= 2.913

CENTROID #

PATTERN #

4

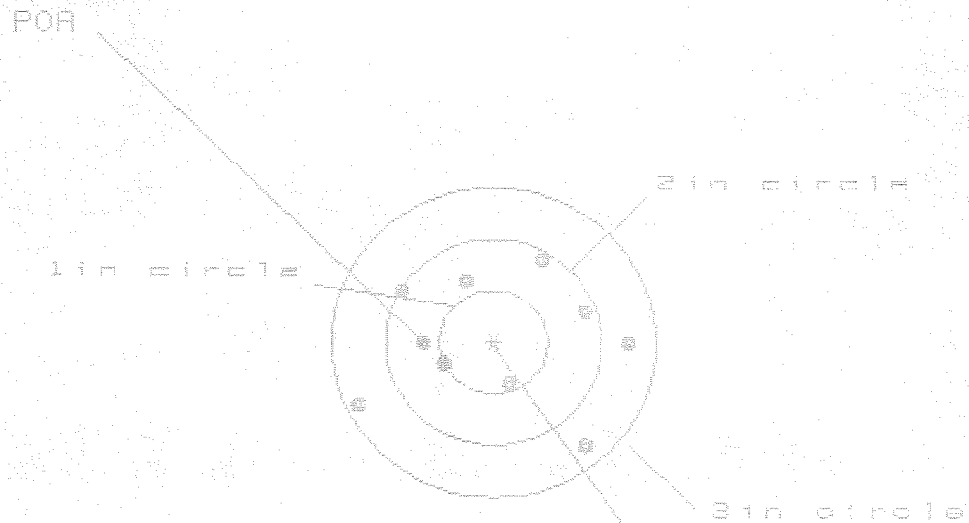
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.240	.762	.722
MINIMUM X	-.852	-.714	-.754
MAXIMUM Y	1.440	1.336	.726
MINIMUM Y	-.930	-.986	-.819
CENTROID X	-.125	-.263	-.223
CENTROID Y	-.074	.030	-.137
FOR TO CENTROID IN	.145	.264	.262
MIN RADIUS	.201	.280	.111
MEAN RADIUS	.840	.769	.653
MAX RADIUS	1.550	1.373	1.046
HORIZONTAL SPREAD	2.092	1.476	1.476
VERTICAL SPREAD	2.370	2.322	1.545
EXTREME SPREAD	2.913	2.527	2.080
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

INTERCHANGEABILITY

15 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C834B045.1.1

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 2.557

VS= 1.814

GS= 2.633

CENTROID #

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.276	1.134	1.223
MINIMUM X	-1.281	-1.041	.952
MAXIMUM Y	.797	.731	.596
MINIMUM Y	-1.017	-1.083	-.615
CENTROID X	.455	.597	.508
CENTROID Y	.280	.266	.401
POA TO CENTROID in.	.497	.654	.647
MIN RADIUS	.429	.481	.473
MEAN RADIUS	.904	.843	.774
MAX RADIUS	1.412	1.293	1.235
HORIZONTAL SPREAD	2.557	2.173	2.175
VERTICAL SPREAD	1.814	1.814	1.211
EXTREME SPREAD	2.633	2.824	2.225
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 97-04014

WOG 1 OF 8 W/10X SCOPE

INITIAL
JJM

CUSTOMER ORDER NO.

Scope # 89-0210

DATE RECEIVED
02/13/97DATE OPENED
02/13/97

DATE CODE

SERIAL NUMBER
C6348845

NEW SERIAL NUMBER

MODEL AND GRADE
700 7.62

NATO

ACCESSORIES
W/STUDS

FROM:

SHIP TO:

DEPT OF THE ARMY
COMMANDER ATTN SFC BARTON
2ND BN 10TH SFG (A)
FT CARSON

CO 80913

DEPT OF THE ARMY
COMMANDER ATTN SFC BARTON
2ND BN 10TH SFG (A)
FT CARSON

CO

80913

CUST NO: 162097 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

- ☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

E1

F1

BOLT ASSY.

B3

E2

F2

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

W50 #097077 #245

PARTS

COMMENTS

Barrel - 96003

Re-powder Coat Trigger
Guard Assy, Front & Rear
Sight BasesRe-line Scope Base, Rings &
Swivel StudsScope Sent Back TO Factory
for Inspect.

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 11/96

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400039681

DEPARTMENT OF THE ARMY
C Company, 2nd Battalion, 10th Special Forces Group (Airborne)
Fort Carson, Colorado 80913-5000

AOSO-SFC-2-C

03 February, 1997

MEMORANDUM THRU Commander, C Company, 2nd Battalion, 10th Special Forces Group (ABN)
Fort Carson, Colorado 80913-5000

Commander, 2nd Battalion, 10th Special Forces Group (ABN) Fort Carson, Colorado 80913-5000

Commander, 10th Special Forces Group (ABN) ATTN: PBO, Fort Carson, Colorado 80913-5000

FOR Remington Arms Co., Inc. ATTN: Sniper Systems, Fred Martin.

SUBJECT: Exception to Policy for Maintenance of M24 Sniper Weapon Systems

1. ODA 061-SOTIC, C/2/10th SFG(A) request an exception to policy to the maintenance contract between the U.S. Army and Remington Arms Co., Inc.
2. Currently there is a maximum 21 day processing time for maintenance on the M24 Sniper Weapon System. We are requesting a maximum 14 day processing time. Planning six days for shipping this would provide a turn around time of 20 days.
3. This time frame is required so that a new zero and base line data can be obtained prior to deployment. If the assigned shooter does not confirm this information the SWS is considered non-deployable.
4. Your assistance in helping us fulfill our mission requirements is greatly appreciated.
5. Point of Contact this memorandum is SFC Bartron or MSG Easterling at (719) 526-0953 FAX: (719) 526-6854.


STEVEN A. HOFFA
CW2, USA
Detachment Commander

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Fort Carson, Colorado 80913-5000

AOSO-SFC-2-C

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Detachment Commander

DOC. IDENT.		RI FROM		M A S		STOCK NUMBER		QUANTITY		DOCUMENT NUMBER		SUPPLEMENTARY ADDRESS		DISTRIBUTION		PROJECT		PRIORITY		REQ'D DEL DATE		A C O V		RI		UNIT PRICE																							
AGE		1005-01-240-2136ea		W81JXF7040-8101		W51WKU		02		5145.00																																							
SHIPPED FROM (719) 524-3310 Remington Arms Co. Inc. 14 Hoefler Ave. Ilion, NY 13357-1816										SHIP TO (719) 524-3310 Commander, Attn SFC Bartron/SFC Melcher 2nd Bn, 10th SFG(A) Ft. Carson, Co. 80913										MARK FOR PROJECT										TOTAL PRICE																			
WAREHOUSE LOCATION										TYPE OF CARGO		UNIT PACK		UNIT WEIGHT		UNIT CUBE		FREIGHT RATE		DOCUMENT DATE		MAT COND		QUANTITY				DOLLARS CTS																					
SUBSTITUTE DATA (ITEM ORIGINALLY REQUESTED)										FREIGHT CLASSIFICATION NOMENCLATURE																				DOLLARS CTS																			
										Serial #'s are attached to documents (BELOW)																				41100.00																			
										ITEM NOMENCLATURE																																							
										Rifle, 7.62mm Sniper (M24) with scope 080WRNS TOTAL																																							
SELECTED BY AND DATE										TYPE OF CONTAINER(S)										TOTAL WEIGHT										RECEIVED BY AND DATE										INSPECTED BY AND DATE									
PACKED BY AND DATE										NO. OF CONTAINER(S)										TOTAL CUBE										WAREHOUSED BY AND DATE										WAREHOUSE LOCATION									
REMARKS:										C6225184/89-0093 ✓										C6225402/88-0382 ✓										C6225518/89-0049 ✓																			
R95387 & SS0024										C6349155/89-0570 ✓										C6348870/89-0684 ✓										C6225581/880463 ✓																			
AA										BB C6348845/89-0210 ✓										G6225156/89-0041 ✓										EE																			
FIRST DESTINATION ADDRESS										DATE SHIPPED																																							
13 TRANSPORTATION CHARGEABLE TO										14 B/LADING, AWB, OR RECEIVER'S SIGNATURE (AND DATE)										15 RECEIVER'S DOCUMENT NUMBER																													
97 7 0100 5600 0 50 5027 01217300 2200 W81JX										REPAIR TH01 FC:VI										S05010																													

DD Form 1348-1, JUL 91

PREVIOUS EDITION MAY BE USED

DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT

DAN SVARANOWIC
CPT, FC
RMO

To: _____

Date: _____

From: _____

Gun #	Scope #
C6348845	89-8210
C6225156	89-0041
C6225581	88-0463
C6225184	89-0093
C6348870	89-0684
C6225402	88-0382
C6349155	89-0570
C6225578	89-0040

All with Swivel Studs

"THINK SAFETY AHEAD, DON'T BE MISLED, ACCIDENTS DO HAPPEN"

Final Inspection

Sn: C6348845

DATE REC'D: 2/13/97

DATE RET'D:

AUDITOR: MW

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: _____

21 DAY TURN - AROUND

Barrel

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6348845

LOG IN DATE: / /

DATE

INIT.

INSPECT & VERIFY:

OP. #

OP. NAME

550

DIS-ASSEMBLE GUN

560 A

RE-BARREL AT CUSTOM SHOP

B

DRILL & TAP

C

POLISH

575

ASSEMBLE

600

PROOF

605

CHECK HEADSPACE

610

DIS-ASSEMBLE

612

MAGNAFLUX

615

ROLLMARK CALIBER

618

ROTO-BLAST

620

APPLY COATINGS

625 A

FINAL ASSEMBLY

B

TRIGGER PULL TEST

C

SAFETY ON FORCE

D

SAFETY OFF FORCE

E

FIRING PIN INDENT

640

TARGET

655

FINAL INSPECT

660

PACK

QAR INSPECTION

SHIP DATE

2/17/97

3/13/97

3/17/97

Q
RW

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6348845
18 Mar 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.038
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0936
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .10102

THE AMR FOR THIS RIFLE IS: 1.061

CENTROIDAL DISTANCES

0 TO 1	.426958
1 TO 2	.7823
1 TO 3	.555252
1 TO 4	.668506
1 TO 5	.563121

3
+ 1 <----POA
24⁵

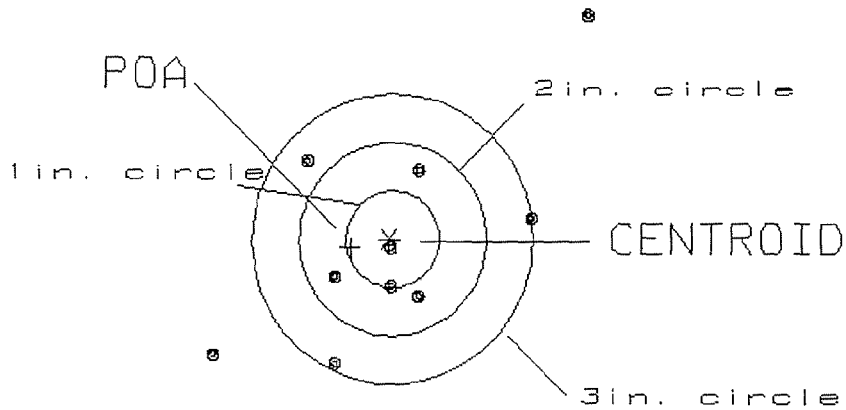
PATTERN #: 1

POA TO CENTROID: .427
 MIN RADIUS : .072
 MEAN RADIUS : 1.210
 MAX RADIUS : 3.112
 CENTROID X : .418
 CENTROID Y : .087

17 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/CG348845

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.98

2

VS= 3.55

5

GS= 5.29

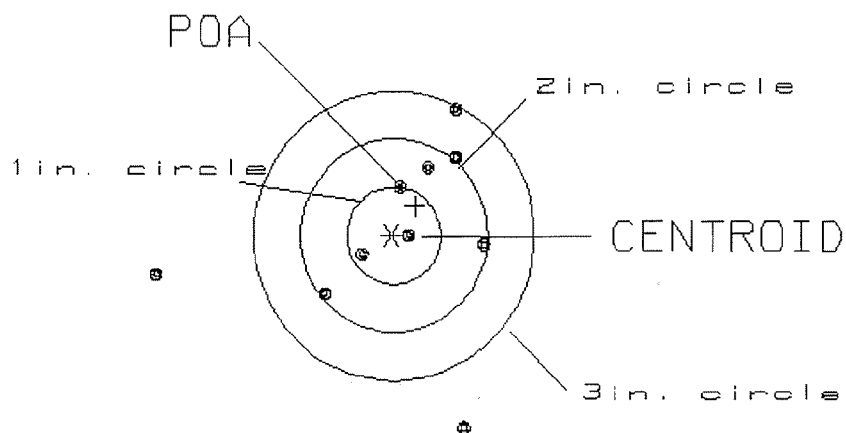
8

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .400
 MIN RADIUS : .124
 MEAN RADIUS : 1.081
 MAX RADIUS : 2.536
 CENTROID X : -.259
 CENTROID Y : -.305

17 Mar 1997

FILE:/Hphasic/Accuracy/Patterning/Centerfire_Patt/C6348845

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.45

3

VS= 3.29

6

GS= 3.66

8

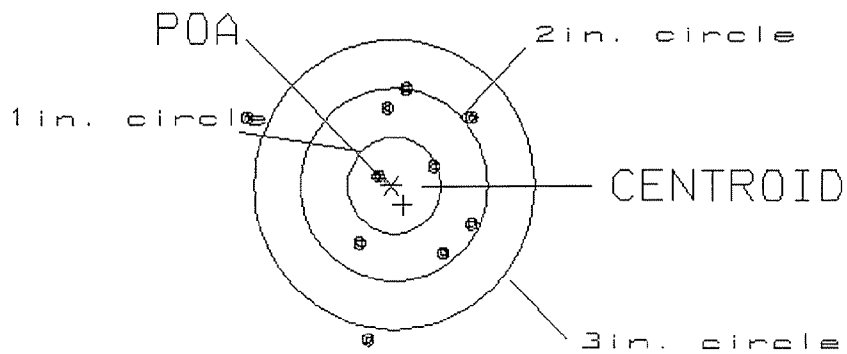
PATTERN #: 3

POA TO CENTROID: .238
 MIN RADIUS : .205
 MEAN RADIUS : .941
 MAX RADIUS : 1.758
 CENTROID X : -.125
 CENTROID Y : .203

17 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348845

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.49
 VS= 2.61
 GS= 2.73

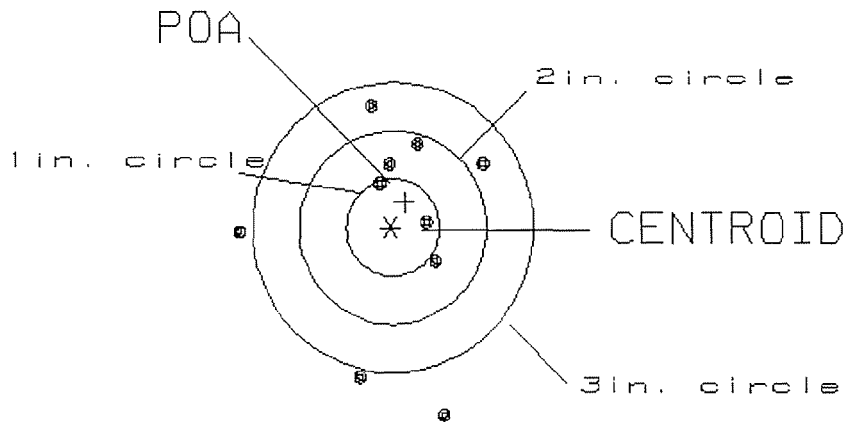
2
 7
 8

PATTERN #: 4
 POA TO CENTROID: .301
 MIN RADIUS : .340
 MEAN RADIUS : 1.059
 MAX RADIUS : 2.052
 CENTROID X : -.154
 CENTROID Y : -.259

17 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/CGJ48845

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.58
 VS= 3.20
 GS= 3.30

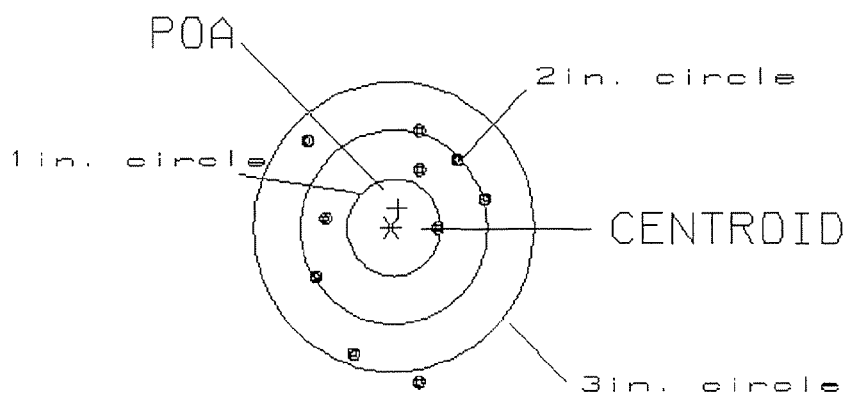
2
 5
 7

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .206
 MIN RADIUS : .496
 MEAN RADIUS : 1.015
 MAX RADIUS : 1.628
 CENTROID X : -.070
 CENTROID Y : -.194

17 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348845

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.96
 VS= 2.56
 GS= 2.75

1
 5
 9