

C6225430

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

File Edit Repair Estimate Repair Expense Repair Inquiry Repair Tools CSF Tools Reports Table Maintenance System Maintenance Help

Repair Number: **RE00018387** Serial: C6225430 Model: 700 Center Fire Caliber: 7.62 NA10 M 24 (SW/S) Repairman: Status: Closed 12/5/00 8:18:04 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **COMMANDER** **COMMANDER**

Address 1: **HSC 3/10 SFG (A)** **HSC 3/10 SFG (A)**

Address 2: PO Box: PO Box:

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

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

FPL:

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Foot:

Condition Notes:

CSF Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A009	With Swivel	1
A015	Scope Mounts	1
A017	Scope Base	1
A025	Scope	1

Repair Search **Refresh** **Close**

maglet 12/5/00 9:27 AM NUM

Start [Icons] 9:27 AM

Number: **C6225430**

Model: **700**



RE00018387

Final Inspection

Sn: C6225430

DATE REC'D: 11-30-00

DATE RET'D:

AUDITOR: CK

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:

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

R & E NUMBER 18387

SERIAL NUMBER C6225430

LOG-IN DATE 11-30-00

[illegible]

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225430
16 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0106
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.051
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0520899

THE AMR FOR THIS RIFLE IS: 1.108

CENTROIDAL DISTANCES

0 TO	1	.0756042
1 TO	2	.136781
1 TO	3	.272855
1 TO	4	.568339
1 TO	5	.33536

5
3
+2 <----POA

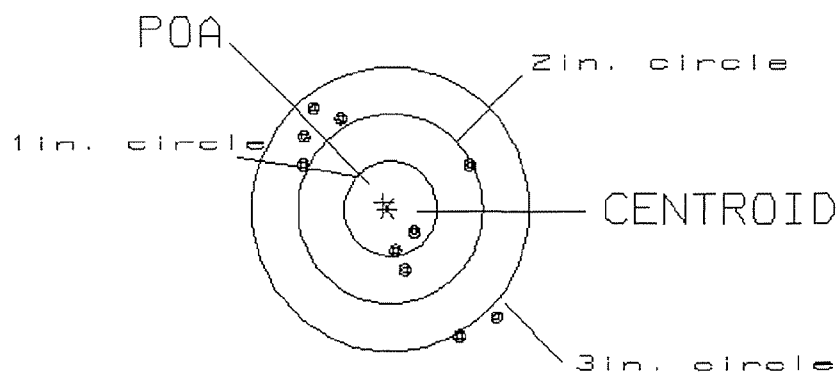
4

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .076
 MIN RADIUS : .375
 MEAN RADIUS : 1.031
 MAX RADIUS : 1.590
 CENTROID X : .046
 CENTROID Y : -.060

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225430.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.10

2

VS= 2.38

4

GS= 2.93

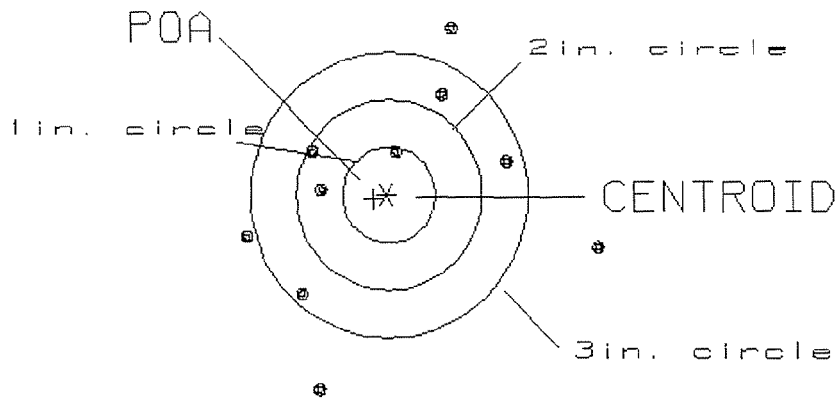
9

PATTERN #: 2
 POA TO CENTROID: .143
 MIN RADIUS : .430
 MEAN RADIUS : 1.402
 MAX RADIUS : 2.339
 CENTROID X : .136
 CENTROID Y : .043

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225430.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.86

1

VS= 3.78

3

GS= 4.05

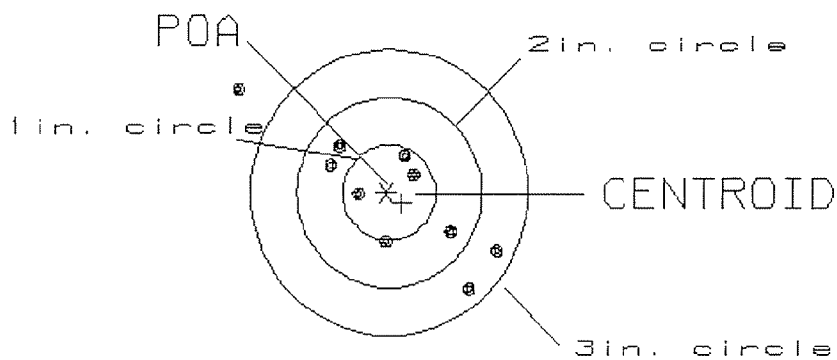
6

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .200
 MIN RADIUS : .293
 MEAN RADIUS : .826
 MAX RADIUS : 1.987
 CENTROID X : -.165
 CENTROID Y : .113

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225430.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.78

3

VS= 2.11

7

GS= 3.30

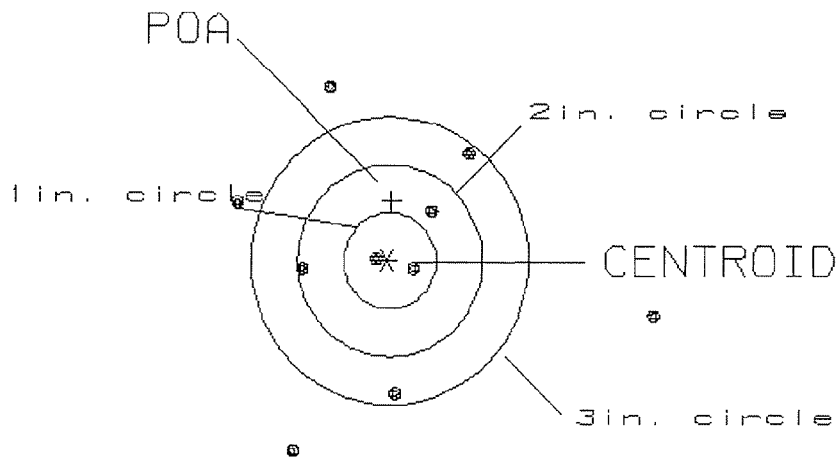
9

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .622
 MIN RADIUS : .152
 MEAN RADIUS : 1.359
 MAX RADIUS : 2.909
 CENTROID X : -.051
 CENTROID Y : -.620

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225430.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 4.49
 VS= 3.80
 GS= 4.65

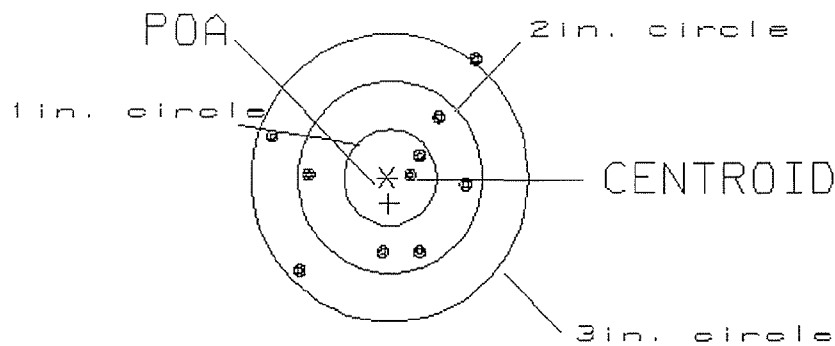
2
 4
 6

PATTERN #: 5
 POA TO CENTROID: .270
 MIN RADIUS : .226
 MEAN RADIUS : .920
 MAX RADIUS : 1.518
 CENTROID X : -.019
 CENTROID Y : .269

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225430.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.27

2

VS= 2.19

7

GS= 2.93

9

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225430
11 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.5488
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0678
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .552972

THE AMR FOR THIS RIFLE IS: 1.415

CENTROIDAL DISTANCES

Ø TO	1	.910844
1 TO	2	1.48969
1 TO	3	1.54374
1 TO	4	2.62763
1 TO	5	2.45875

3
2

1

+ <----POA

4

5

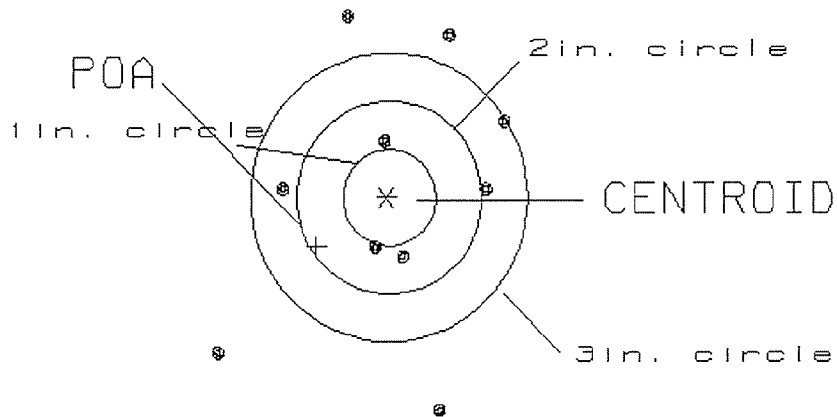
PATTERN #: 1

POA TO CENTROID: .911
 MIN RADIUS : .540
 MEAN RADIUS : 1.382
 MAX RADIUS : 2.460
 CENTROID X : .754
 CENTROID Y : .511

11 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225430

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.08

0

VS= 4.13

3

GS= 4.23

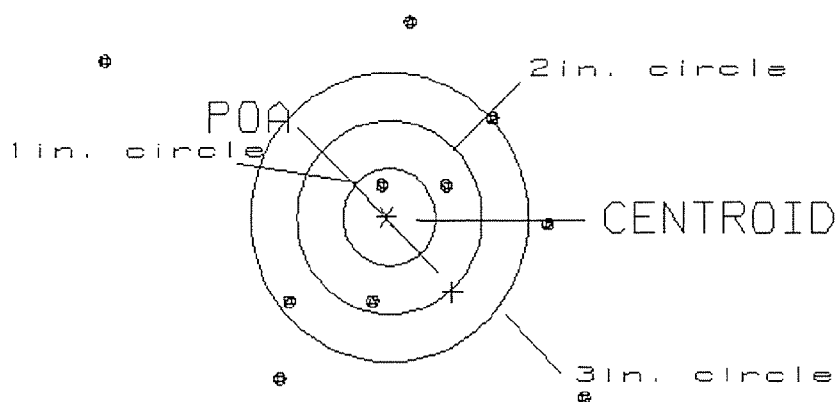
6

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: 1.049
 MIN RADIUS : .350
 MEAN RADIUS : 1.691
 MAX RADIUS : 3.449
 CENTROID X : -.713
 CENTROID Y : .770

11 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225430

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 5.12

1

VS= 3.69

3

GS= 6.18

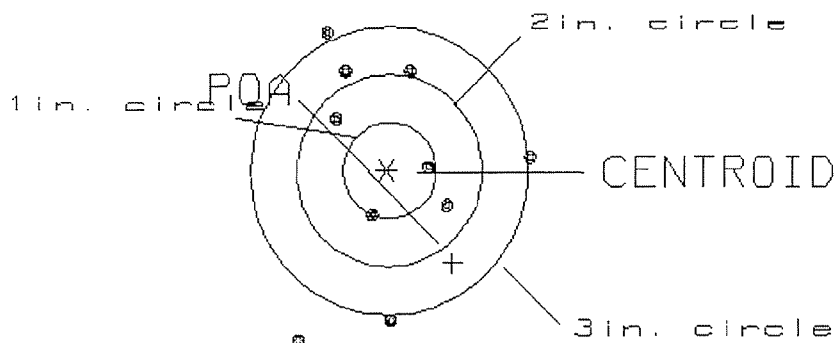
4

PATTERN #: 3
 POA TO CENTROID: 1.202
 MIN RADIUS : .401
 MEAN RADIUS : 1.141
 MAX RADIUS : 2.062
 CENTROID X : -.723
 CENTROID Y : .960

11 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225430

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.57

2

VS= 3.26

4

GS= 3.28

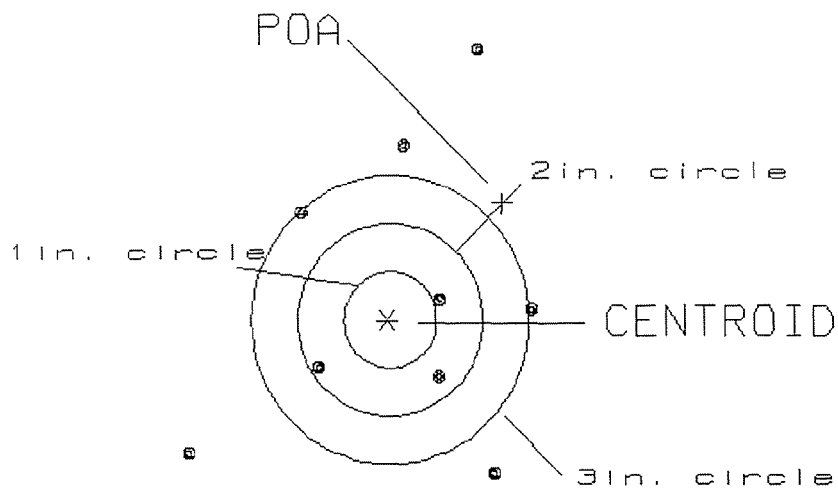
6

PATTERN #: 4
 POA TO CENTROID: 1.727
 MIN RADIUS : .584
 MEAN RADIUS : 1.662
 MAX RADIUS : 2.962
 CENTROID X : -1.229
 CENTROID Y : -1.213

11 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225430

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.65
 VS= 4.76
 GS= 5.24

0
 3
 4

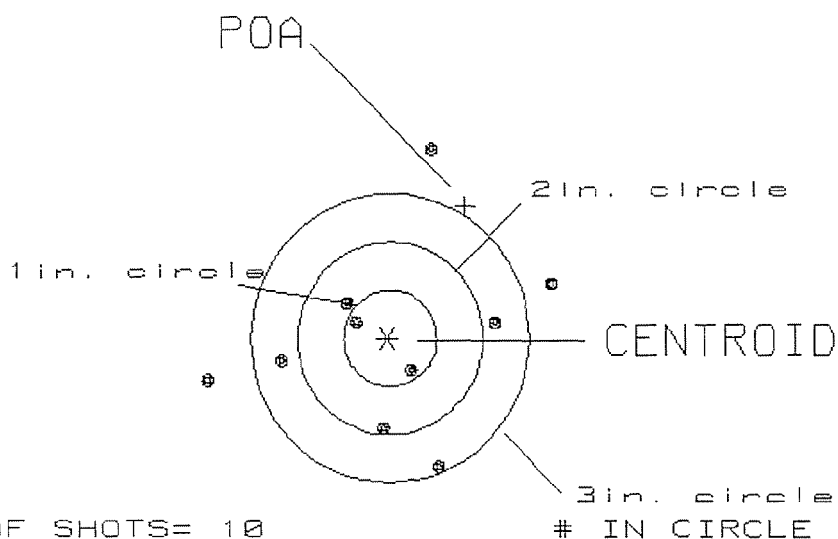
PATTERN #: 5

POA TO CENTROID: 1.601
 MIN RADIUS : .409
 MEAN RADIUS : 1.199
 MAX RADIUS : 1.995
 CENTROID X : -.833
 CENTROID Y : -1.367

11 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225430

CENTERFIRE PATTERN # 5



HS= 3.69
 US= 3.27
 GS= 3.81

2
 4
 7

Remington®



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

MODEL 700™ H24

**SERIAL NO.
C6225430**

**ORDER NO.
5716**

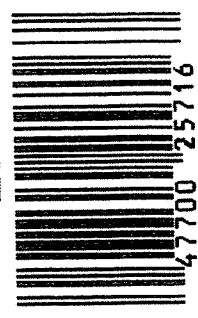
Ø1

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

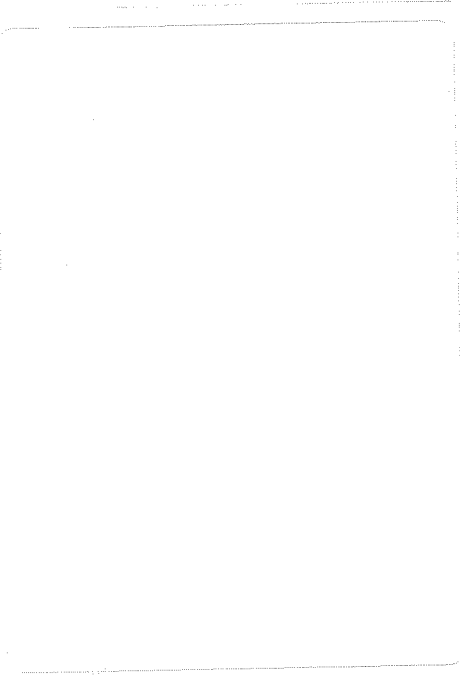
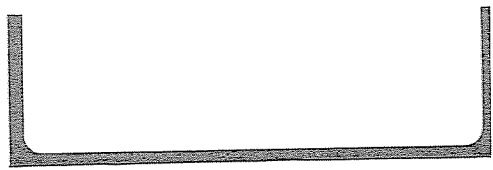


5716 C6225430

UPC



0 47700 25716 7



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225430

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 12 89		RW
600	Proof	4 12 89		RW
607	Check Headspace	4 12 89		RW
610	Dis-assemble Gun	4 12 89		RW
612	Magnaflux Barrel Action		4/13/89	KCR
	Magnaflux Bolt		4/14/89	KCR
615	Rollmark Caliber		4/14/89	DS
617	Drill and Tap Sight Holes	4 14 89		FB
618	Polish Barrel RB	4 14 89		BT
620	Apply Coatings (Barrel Action)		4-20-89	TSA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/24/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/24/89	RW
	C) Inspect Ejector Hole for Chamfer		4/24/89	RW
	D) Oil Firing Pin Ass'y		4/24/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/26/89	DS

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	6	6	6	4/26/89	JU
	G) Safety Off Force	3	3	3	4/26/89	JU
	H) Trigger Pull Test & Retainability				4/26/89	S.S.
	I) Firing Pin Indent	.020	.020	.020	4/26/89	JU
	J) Assemble Stock				4/27/89	RW
	K) Assemble Swivel Studs				16 May 89	JS
	L) Attach Front and Rear Sight Assemblies				4/27/89	RW
	M) Iron Sight Alignment				4/27/89	RW
	N) Detach Front & Rear Sights & place in numbered container				4/27/89	RW
	O) Attach Scope to Rifle				4/27/89	JU
	P) Detach & Attach Scope 20 Times				4/27/89	JU
640	Gallery Target & Test	53 R	99L		4/27/89	K
	A) Time				4/27/89	K
	B) Malfunctions				4/27/89	K
	C) Pierced Primers				4/27/89	K
	D) Optical Clarity of Scope				4/27/89	K
645	Inspect for Live Ammo				4/27/89	K
655	Final Inspection					
	A) Headspace				16 May 89	JS
	B) Trigger Pull	2.48	2.49	2.54	16 May 89	JS
	C) Function				16 May 89	JS
660	Pack				27 June 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. C6225430
DATE 24 Apr 1989
TESTER JDS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.32	2.41	2.13	2.48	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.40	2.08	2.49	
PULL #3	2.46	2.49	2.07	2.54	
PULL #4	2.25	2.36	2.09	2.53	
PULL #5	2.27	2.64	2.10	2.59	
TOTAL	11.78	12.30	10.47	12.63	
AVG.	2.356	2.46	2.094	2.526	

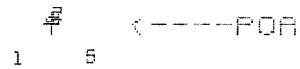
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.14	2.70		
PULL #2	3.02	2.81		
PULL #3	3.02	2.73		
PULL #4	2.98	2.78		
PULL #5	2.91	2.79		
TOTAL	15.07	13.81		
AVG.	3.014	2.762		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.31	4.00		4.45
PULL #2	4.23	4.02		4.41
PULL #3	4.20	4.08		4.32
PULL #4	4.18	4.02		4.30
PULL #5	4.14	4.03		4.29
TOTAL	21.08	20.15		21.77
AVG.	4.216	4.03		4.354

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225430
28 Apr 1989

CENTROIDAL DISTANCES

0 TO	1	.843645
1 TO	2	1.1095
1 TO	3	1.02149
1 TO	4	.928591
1 TO	5	1.35033


1 5 <----POB

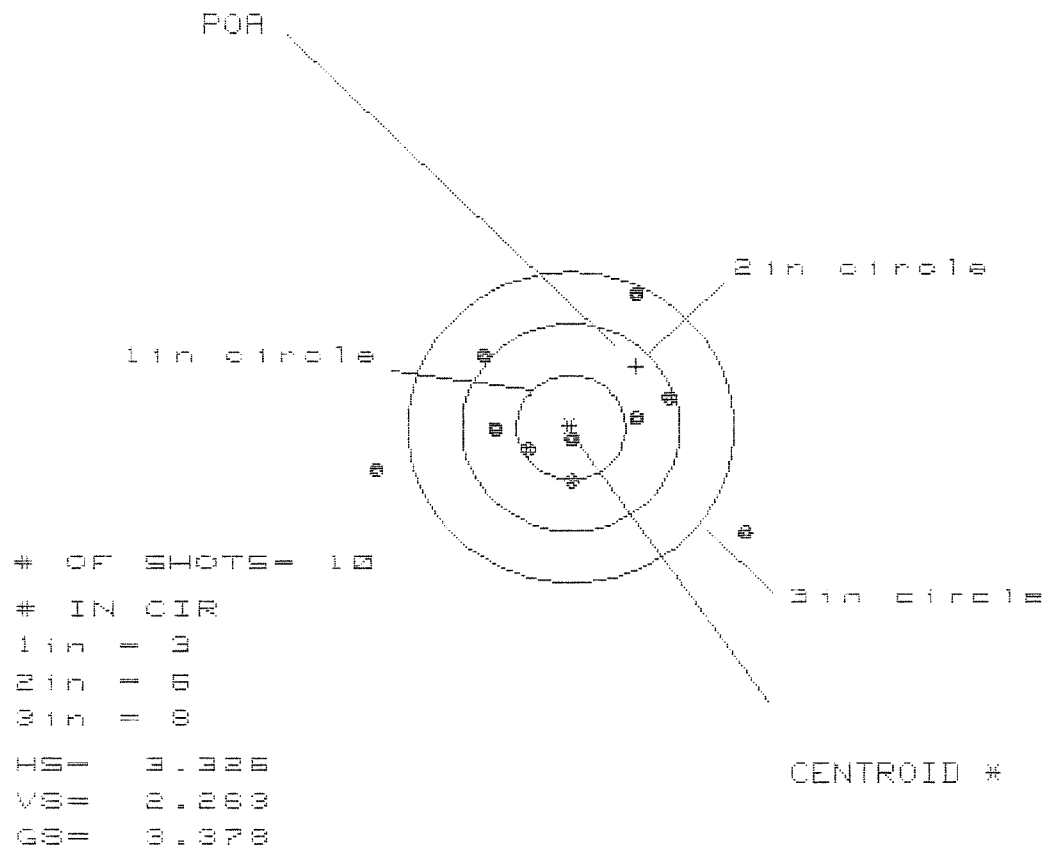
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0748
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1278
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .148081

THE AMR FOR THIS RIFLE IS: 1.008

27 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225430

CENTERFIRE PATTERNS # 1

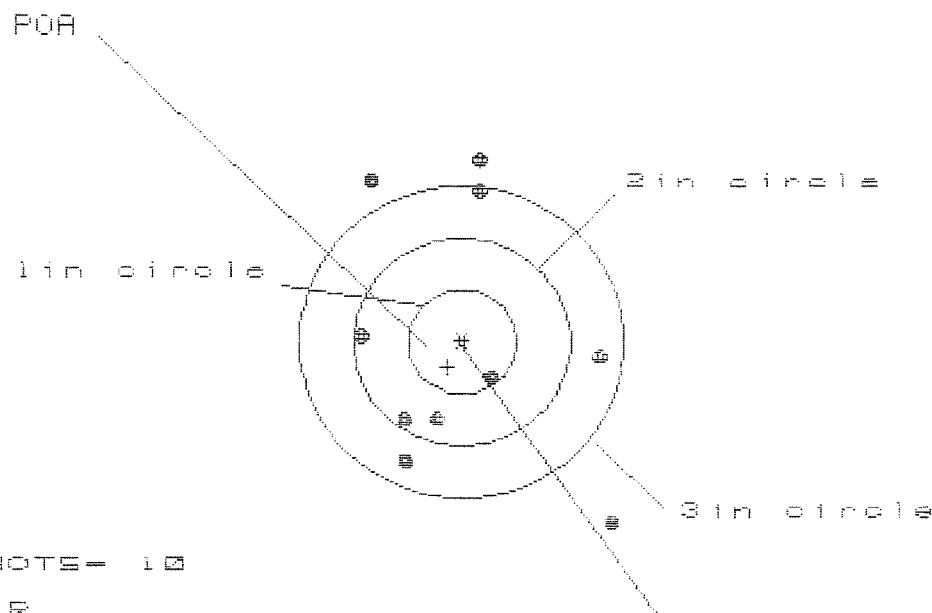


PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.564	1.125	.926
MINIMUM X	:	-1.762	-1.588	-.786
MAXIMUM Y	:	1.242	1.128	1.060
MINIMUM Y	:	-1.021	-.606	-.673
CENTROID X	:	-.684	-.778	-.579
CENTROID Y	:	-.589	-.475	-.407
POA TO CENTROID in.	:	.844	.912	.708
MIN RADIUS	:	.128	.273	.310
MEAN RADIUS	:	.942	.844	.743
MAX RADIUS	:	1.868	1.678	1.194
HORIZONTAL SPREAD	:	3.326	2.713	1.712
VERTICAL SPREAD	:	2.263	1.734	1.734
EXTREME SPREAD	:	3.378	2.872	1.837
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			8	

27 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225430

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 6

HS = 2.276

VS = 3.462

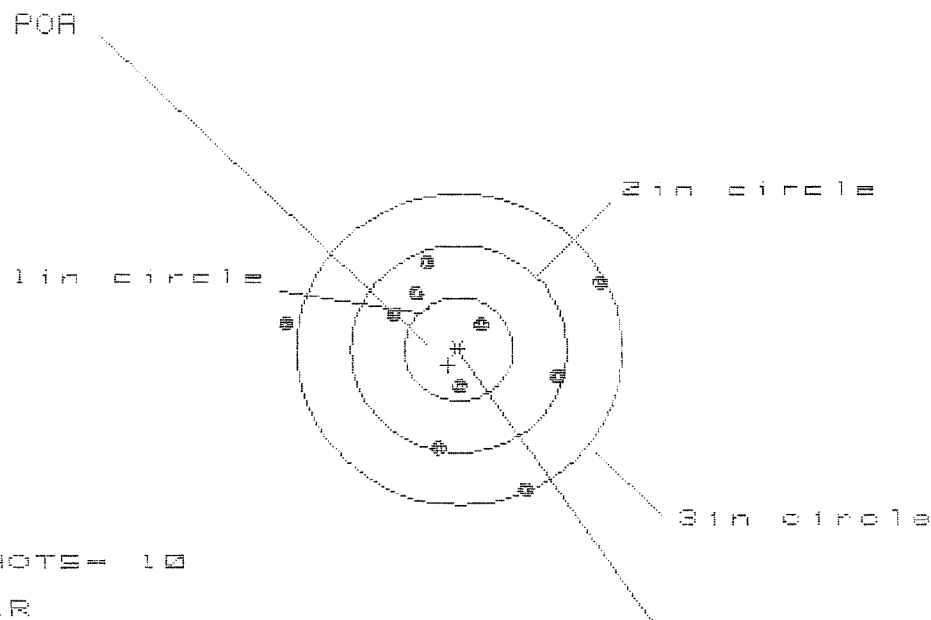
GS = 3.935

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.321	1.376	1.288
MINIMUM X	:	-.955	-.808	-.896
MAXIMUM Y	:	1.721	1.528	1.696
MINIMUM Y	:	-1.741	-1.338	-1.169
CENTROID X	:	.130	-.017	.071
CENTROID Y	:	.243	.436	.268
POA TO CENTROID in.	:	.275	.436	.277
MIN RADIUS	:	.460	.702	.518
MEAN RADIUS	:	1.280	1.188	1.109
MAX RADIUS	:	2.185	1.557	1.710
HORIZONTAL SPREAD	:	2.276	2.184	2.184
VERTICAL SPREAD	:	3.462	2.866	2.866
EXTREME SPREAD	:	3.935	2.949	2.949
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

27 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225430

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS = 2.824

VS = 2.147

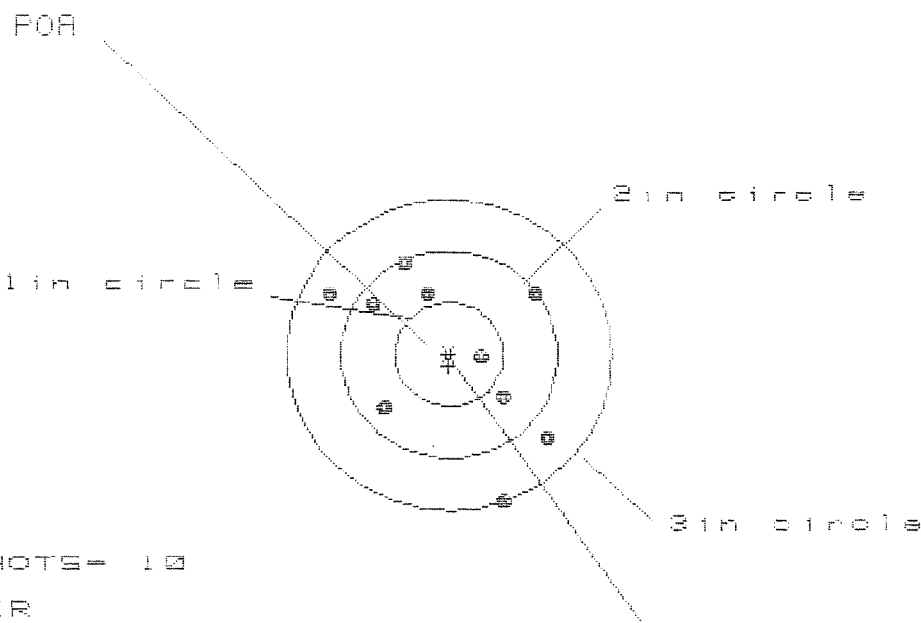
GS = 2.849

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.260	1.086	1.143
MINIMUM X	:	-1.565	-.734	-.677
MAXIMUM Y	:	.903	.835	.671
MINIMUM Y	:	-1.344	-1.312	-1.115
CENTROID X	:	.097	.270	.213
CENTROID Y	:	.154	.122	.286
POA TO CENTROID in.	:	.182	.297	.356
MIN RADIUS	:	.301	.260	.126
MEAN RADIUS	:	.931	.854	.759
MAX RADIUS	:	1.592	1.391	1.263
HORIZONTAL SPREAD	:	2.824	1.820	1.820
VERTICAL SPREAD	:	2.147	2.147	1.786
EXTREME SPREAD	:	2.849	2.336	2.201
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

27 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CS225430

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS = 1.945

VS = 2.392

GS = 2.614

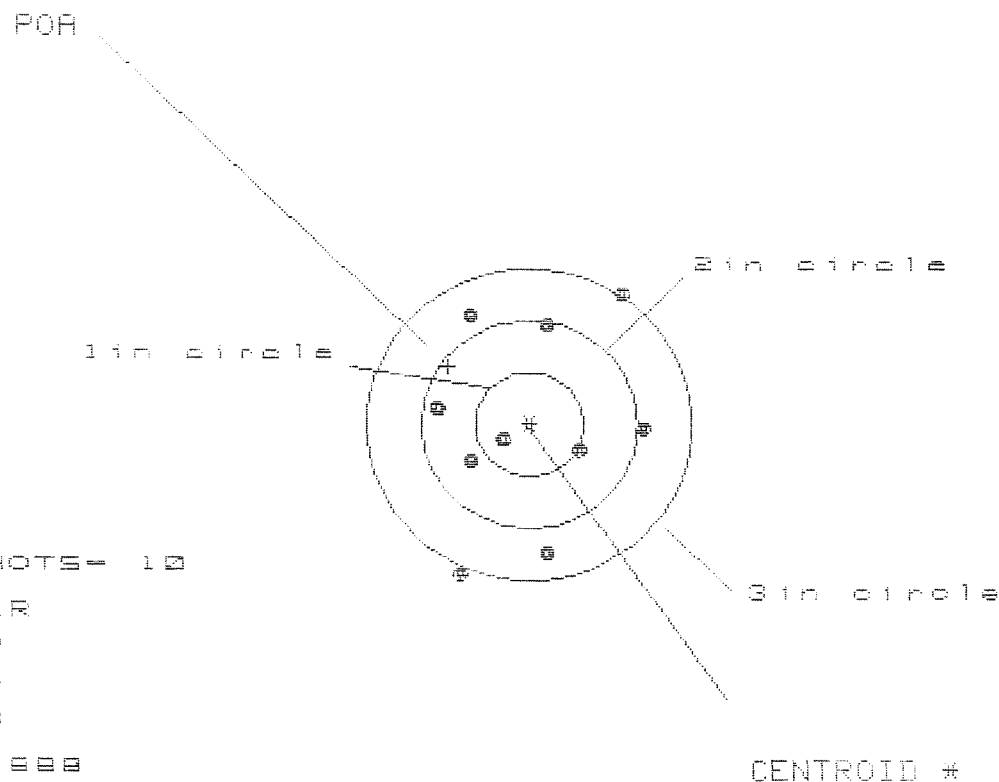
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.887	.945	.820
MINIMUM X	:	-1.058	-1.000	-.743
MAXIMUM Y	:	.934	.772	.830
MINIMUM Y	:	-1.458	-.928	-.870
CENTROID X	:	.005	-.053	.072
CENTROID Y	:	.112	.274	.216
POA TO CENTROID in.	:	.112	.279	.228
MIN RADIUS	:	.289	.377	.239
MEAN RADIUS	:	.908	.817	.772
MAX RADIUS	:	1.547	1.324	1.195
HORIZONTAL SPREAD	:	1.945	1.945	1.563
VERTICAL SPREAD	:	2.392	1.700	1.700
EXTREME SPREAD	:	2.614	2.393	2.137
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

27 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225430

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 1.888

VS= 2.897

GS= 3.069

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.089	1.021	1.120
MINIMUM X	:	-.800	-.867	-.768
MAXIMUM Y	:	1.272	1.113	1.011
MINIMUM Y	:	-1.425	-1.373	-1.234
CENTROID X	:	.746	.813	.714
CENTROID Y	:	-.559	-.400	-.539
POR TO CENTROID in.	:	.932	.906	.895
MIN RADIUS	:	.256	.416	.246
MEAN RADIUS	:	.981	.926	.839
MAX RADIUS	:	1.549	1.375	1.245
HORIZONTAL SPREAD	:	1.888	1.888	1.888
VERTICAL SPREAD	:	2.697	2.486	2.245
EXTREME SPREAD	:	3.069	2.588	2.355
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	