

C6275533

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

* Includes 1 in chamber.

Remington.

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225533

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			
617	Drill and Tap Sight Holes	4 14	89	LB
618	Polish Barrel RB	4 14	89	BT
620	Apply Coatings (Barrel Action)		4-19-89	THA
	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		5/11/89	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5/12/89	SH
	G) Safety Off Force	3	3	3			5/12/89	SH
	H) Trigger Pull Test & Retainability						5/11/89	W03
	I) Firing Pin Indent	.020	.020	.020.5			5/10/89	SH
	J) Assemble Stock						5/15/89	RW
	K) Assemble Swivel Studs						16 May 89	SH
	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	SH
	P) Detach & Attach Scope 20 Times						5/15/89	SH
640	Gallery Target & Test	67 R	86 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	SH
	B) Trigger Pull	2.100	2.47	2.40	2.46	2.59	16 May 89	SH
	C) Function						16 May 89	SH
660	Pack						26 June 89	SH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. 06349198

DATE 2-9-90

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.29	2.46	2.40	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.21	2.47	2.43	
PULL #3	2.45	2.42	2.41	
PULL #4	2.45	2.46	2.45	
PULL #5	2.44	2.45	2.38	
TOTAL	11.84	12.26	12.07	
AVG.	2.368	2.452	2.414	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.45	3.39	
PULL #2	3.40	3.39	
PULL #3	3.39	3.35	
PULL #4	3.41	3.35	
PULL #5	3.44	3.38	
TOTAL	17.09	16.82	
AVG.	3.418	3.364	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.46	4.39		4.37
PULL #2	4.48	4.22		4.35
PULL #3	4.42	4.35		4.32
PULL #4	4.41	4.35		4.33
PULL #5	4.38	4.37		4.18
TOTAL	22.15	21.68		21.55
AVG.	4.43	4.336		4.31

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225533
16 May 1989

CENTROIDAL DISTANCES

0 TO	1	.444325
1 TO	2	.660535
1 TO	3	.578298
1 TO	4	.558313
1 TO	5	.200564

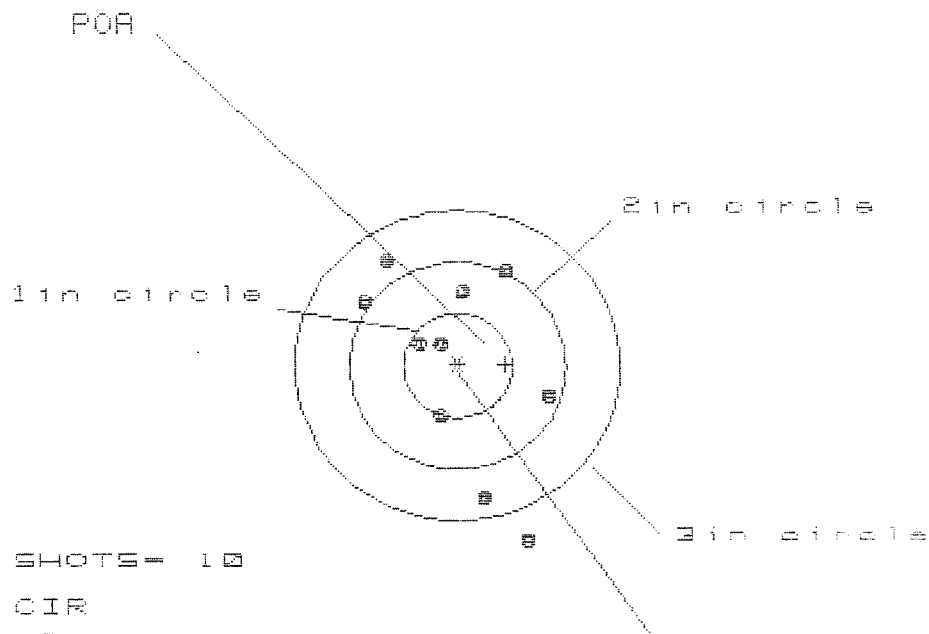
$\frac{4}{5} \frac{1}{2}$ <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1768
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .021
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .178043
THE AMR FOR THIS RIFLE IS: .898

15 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225533

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 1.696

VS= 2.667

GS= 2.948

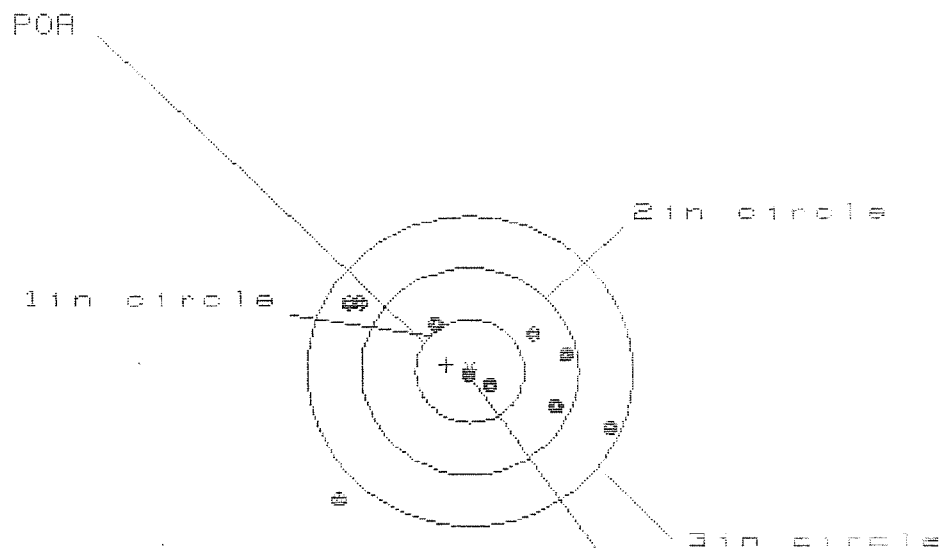
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.898	.875	.915
MINIMUM X	:	-.888	-.821	-.781
MAXIMUM Y	:	1.022	.840	.663
MINIMUM Y	:	-1.645	-1.415	-.849
CENTROID X	:	-.444	-.511	-.551
CENTROID Y	:	-.017	.165	.342
FOR TO CENTROID in.	:	.444	.537	.648
MIN RADIUS	:	.236	.051	.151
MEAN RADIUS	:	.902	.756	.651
MAX RADIUS	:	1.752	1.451	1.121
HORIZONTAL SPREAD	:	1.696	1.696	1.696
VERTICAL SPREAD	:	2.667	2.255	1.512
EXTREME SPREAD	:	2.948	2.429	1.962
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

15 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225533

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.479

VS= 1.845

GS= 2.638

CENTROID *

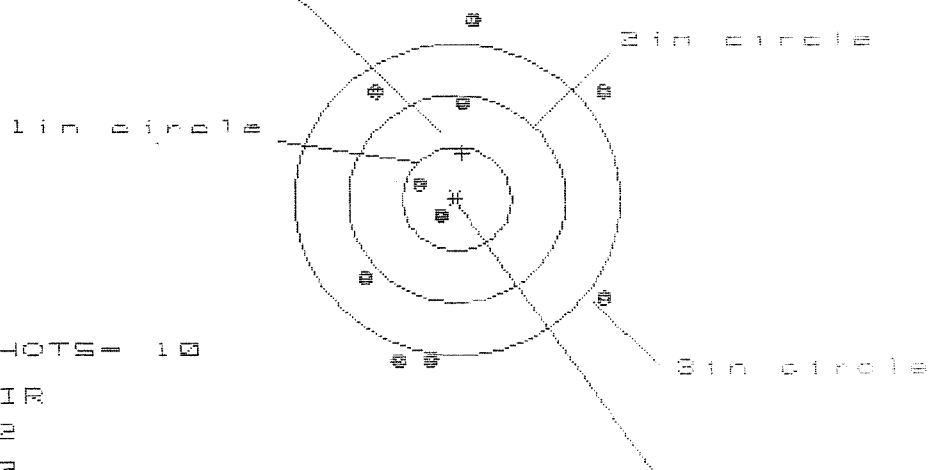
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.265	1.130	.841
MINIMUM X	:	-1.214	-1.226	-1.085
MAXIMUM Y	:	.651	.518	.437
MINIMUM Y	:	-1.194	-.650	-.542
CENTROID X	:	.215	.350	.209
CENTROID Y	:	-.062	.071	.152
POA TO CENTROID in.	:	.224	.357	.258
MIN RADIUS	:	.031	.180	.229
MEAN RADIUS	:	.866	.760	.702
MAX RADIUS	:	1.703	1.331	1.169
HORIZONTAL SPREAD	:	2.479	2.356	1.926
VERTICAL SPREAD	:	1.845	1.168	.979
EXTREME SPREAD	:	2.638	2.630	2.672
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

15 May 1985

FILE:/PATTERNING/CENTERFIRE_PATT/C6225533

CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 3

3 in = 5

HS= 2.126

VS= 3.352

GS= 3.399

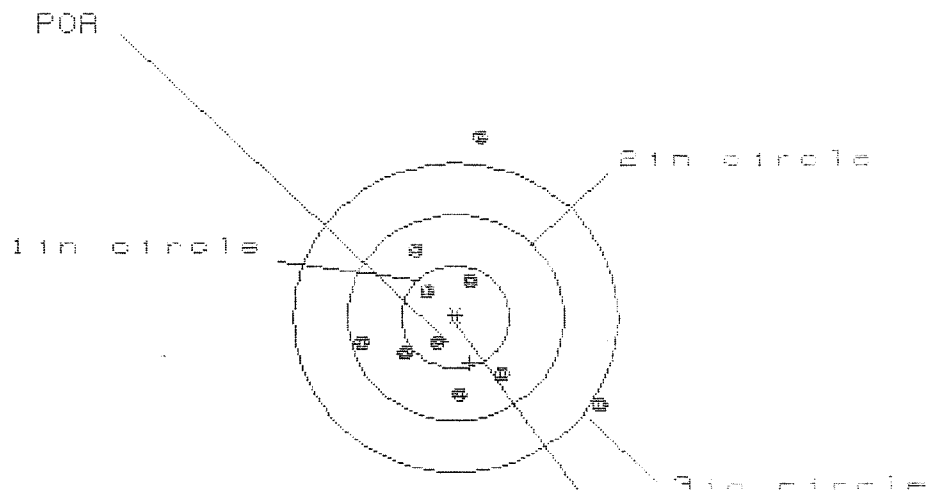
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.324	1.346	1.512
MINIMUM X	:	-.802	-.780	-.614
MAXIMUM Y	:	1.766	1.257	1.413
MINIMUM Y	:	-1.586	-1.390	-1.233
CENTROID X	:	-.054	-.076	-.242
CENTROID Y	:	-.444	-.640	-.797
POA TO CENTROID in.	:	.447	.644	.833
MIN RADIUS	:	.205	.170	.241
MEAN RADIUS	:	1.225	1.157	1.052
MAX RADIUS	:	1.776	1.833	1.634
HORIZONTAL SPREAD	:	2.126	2.126	2.126
VERTICAL SPREAD	:	3.352	2.647	2.646
EXTREME SPREAD	:	3.399	3.221	2.874
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		5	

15 May 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225533

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 8

3 in = 8

HS= 2.222

VS= 2.533

GS= 2.736

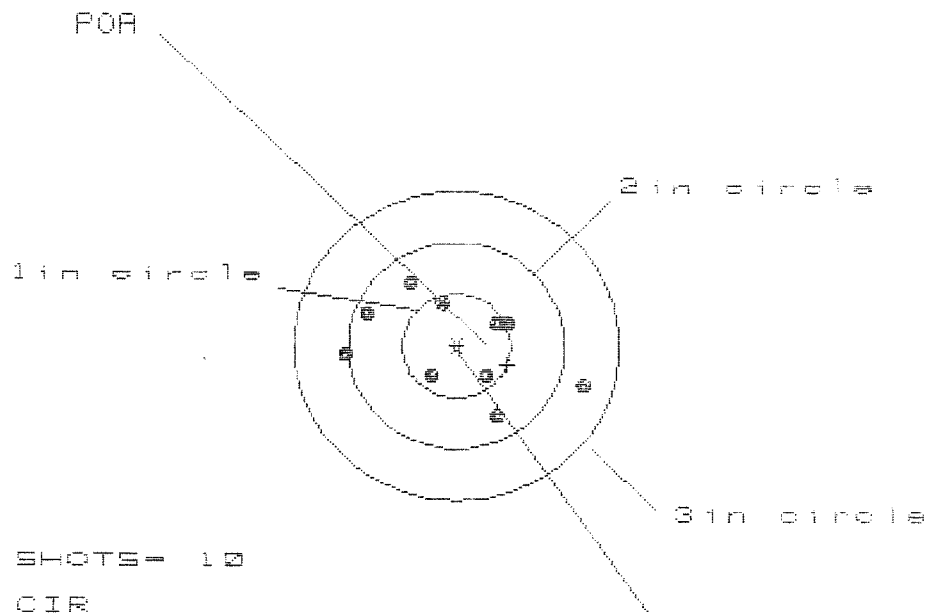
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.312	1.343	.644
MINIMUM X	:	-.910	-.879	-.712
MAXIMUM Y	:	1.737	.821	.746
MINIMUM Y	:	-.796	-.603	-.652
CENTROID X	:	-.132	-.163	-.338
CENTROID Y	:	.446	.253	.328
POR TO CENTROID in.	:	.465	.300	.466
MIN RADIUS	:	.253	.113	.108
MEAN RADIUS	:	.804	.674	.546
MAX RADIUS	:	1.759	1.472	.777
HORIZONTAL SPREAD	:	2.222	2.222	1.356
VERTICAL SPREAD	:	2.533	1.424	1.398
EXTREME SPREAD	:	2.736	2.280	1.483
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		8	

15 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225533

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 5

2in = 8

3in = 10

HS= 2.220

VS= 1.254

CS= 2.242

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.194	.588	.477
MINIMUM X	:	-1.026	-.893	-.805
MAXIMUM Y	:	.596	.554	.540
MINIMUM Y	:	-.658	-.700	-.714
CENTROID X	:	-.469	-.602	-.491
CENTROID Y	:	.182	.224	.238
POA TO CENTROID in.	:	.503	.642	.545
MIN RADIUS	:	.398	.366	.388
MEAN RADIUS	:	.693	.627	.579
MAX RADIUS	:	1.253	.900	.845
HORIZONTAL SPREAD	:	2.220	1.481	1.282
VERTICAL SPREAD	:	1.254	1.254	1.254
EXTREME SPREAD	:	2.242	1.565	1.565
NUMBER IN ONE INCH CIRCLE	=		5	
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™ H24		SERIAL NO. C6225533	
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		01	ORDER NO. 5716



5716 C6225533

UPC



0 47700 25716 7

Repair Number: **RE00021317** Serial: **C6225533** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman: Status: **Closed 1/22/01 10:29:16 AM**

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **HSC 3/10 SFG (A)** **HSC 3/10 SFG (A)**

Address 1: 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**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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

Contact Information:

Phone: Fax: Email: Comments:

Received Condition:

Condition: **Fair**

Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	1
A009	With Swivel	1
A016	Scope Mounts	1
A017	Scope Base	1
A026	Scope	1

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

Start In N J A Ex XM A 1/22/01 3:11 PM CAPS NUM 3:11 PM

Serial Number: **C6225533**

Model: **700**



RE00021317

Remington Test Lab, Ilion, N.Y.

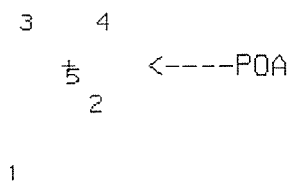
Centroidal distance calculations for Rifle # c6225533
23 Feb 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.0504$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $-.0944$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.107012$

THE AMR FOR THIS RIFLE IS: 1.215

CENTROIDAL DISTANCES

Ø TO	1	.81501
1 TO	2	.721754
1 TO	3	1.01274
1 TO	4	1.17959
1 TO	5	.762365



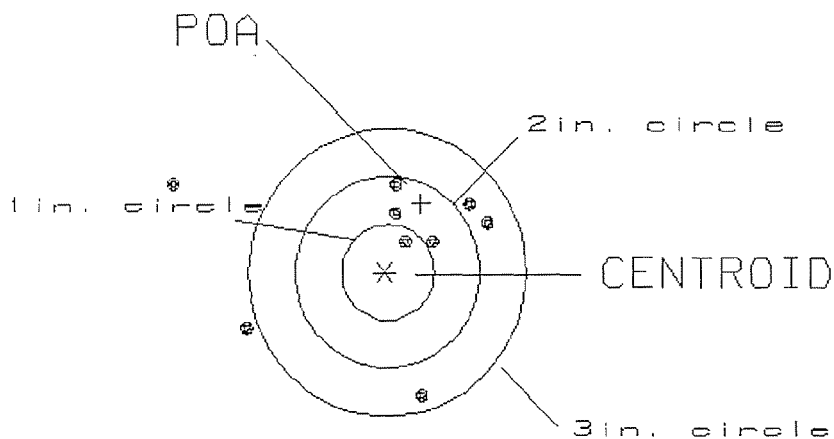
PATTERN #: 01L

POA TO CENTROID: .815
 MIN RADIUS : .420
 MEAN RADIUS : 1.310
 MAX RADIUS : 2.712
 CENTROID X : -.380
 CENTROID Y : -.721

23 Feb 2001

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/c6225533

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.45
 VS= 3.57
 GS= 4.67

1
 4
 7

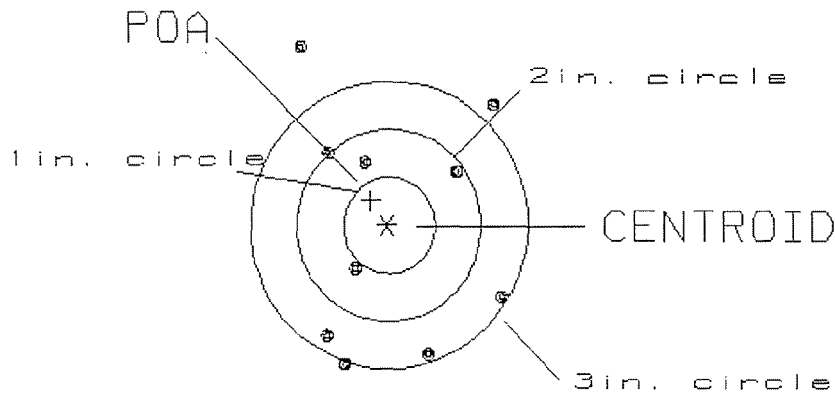
PATTERN #: C 2 C

POA TO CENTROID: .309
 MIN RADIUS : .576
 MEAN RADIUS : 1.271
 MAX RADIUS : 2.076
 CENTROID X : .172
 CENTROID Y : -.256

23 Feb 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225533

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.20

0

VS= 3.26

3

GS= 3.50

8

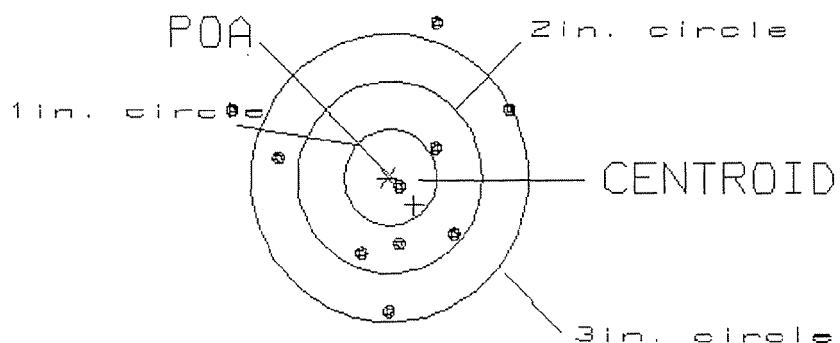
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .411
 MIN RADIUS : .119
 MEAN RADIUS : 1.071
 MAX RADIUS : 1.880
 CENTROID X : -.293
 CENTROID Y : .288

23 Feb 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225533

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.98
 VS= 3.06
 GS= 3.11

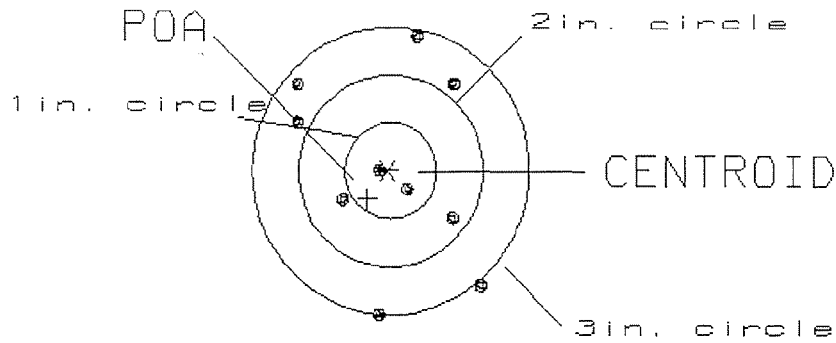
1
 5
 8

PATTERN #: 4
 POA TO CENTROID: .368
 MIN RADIUS : .105
 MEAN RADIUS : .996
 MAX RADIUS : 1.558
 CENTROID X : .221
 CENTROID Y : .294

23 Feb 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225533

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.04
 VS= 2.69
 GS= 2.92

2
 4
 8

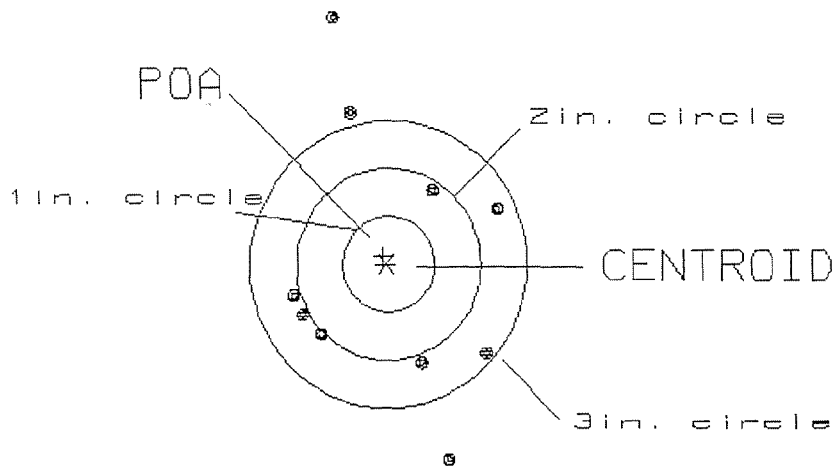
PATTERN #: 5

POA TO CENTROID: .082
 MIN RADIUS : .889
 MEAN RADIUS : 1.425
 MAX RADIUS : 2.629
 CENTROID X : .028
 CENTROID Y : -.077

23 Feb 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225533

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.19

0

VS= 4.55

1

GS= 4.74

7

Final Inspection

Sn: C-6225533

DATE REC'D: 1-22-01

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		21317	
SERIAL NUMBER		C-6225533	
LOG-IN DATE		1-22-01	
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-22-01	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	1-30-01	CK
605	CHECK HEADSPACE	1-30-01	CK
610	DIS-ASSEMBLE GUN		
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	2-7-01	CK
655	FINAL INSPECT	2-12-01	CK
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			