

C6349002

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington®  REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

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

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

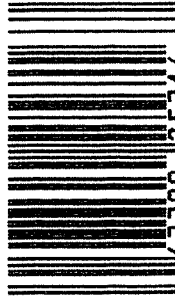
SERIAL NO. C6349002	ORDER NO. 5716
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Ø1



5716 C6349002

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349002

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 12	30	RW
600	Proof	4 12	30	A
607	Check Headspace	4 12	30	A
610	Dis-assemble Gun	4 12	30	RW
612	Magnaflux Barrel Action	4-19-90		KCR
	Magnaflux Bolt	4-19-90		KCR
615	Rollmark Caliber	4-19-90		SL
617	Drill and Tap Sight Holes		4/23/90	KB
618	Polish Barrel RB		4/24/90	WB
620	Apply Coatings (Barrel Action)		4-30-90	DA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		5/1/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/90	RW
	C) Inspect Ejector Hole for Chamfer		5/1/90	RW
	D) Oil Firing Pin Ass'y		5/1/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/10/90	gm

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			5/10/90	gll
	G) Safety Off Force	2	2	2			5/10/90	gll
	H) Trigger Pull Test & Retainability						5/10/90	gll
	I) Firing Pin Indent	.023	.0235	.0235			5/10/90	gll
	J) Assemble Stock						5/11/90	Rw
	K) Assemble Swivel Studs						5/16/90	WB
	L) Attach Front and Rear Sight Assemblies						5/11/90	Rw
	M) Iron Sight Alignment						5/11/90	Rw
	N) Detach Front & Rear Sights & place in numbered container						5/11/90	Rw
	O) Attach Scope to Rifle						5/11/90	WB
	P) Detach & Attach Scope 20 Times						5/11/90	WB
640	Gallery Target & Test						5-14-90	DH
	A) Time						5-14-90	DH
	B) Malfunctions						5-14-90	DH
	C) Pierced Primers						5-14-90	DH
	D) Optical Clarity of Scope						5-14-90	DH
645	Inspect for Live Ammo						5-14-90	DH
655	Final Inspection						5/15/90	WB
	A) Headspace							
	B) Trigger Pull	2.19	2.22	2.23	2.22	2.23	5/15/90	WB
	C) Function						5/16/90	WB
660	Pack						6-20-90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. 06349002

DATE 5/10/98

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.26	2.27	2.19	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.28	2.18	2.22	
PULL #3	2.30	2.24	2.21	2.23	
PULL #4	2.26	2.28	2.29	2.22	
PULL #5	2.26	2.37	2.35	2.23	
TOTAL	11.56	11.43	11.30		
AVG.	2.3	2.286	2.26		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.43	3.13		
PULL #2	3.20	3.38		
PULL #3	3.19	3.36		
PULL #4	3.26	3.28		
PULL #5	3.16	3.29		
TOTAL	16.24	16.44		
AVG.	3.248	3.288		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.34	4.44		4.22
PULL #2	4.38	4.46		4.22
PULL #3	4.47	4.48		4.31
PULL #4	4.46	4.50		4.23
PULL #5	4.42	4.51		4.24
TOTAL	22.07	22.39		21.22
AVG.	4.414	4.478		4.244

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349002
15 May 1990

CENTROIDAL DISTANCES

0 TO	1	.417321
1 TO	2	.335489
1 TO	3	.751425
1 TO	4	.855862
1 TO	5	.570481

4^{5+1}_2 <----FOR

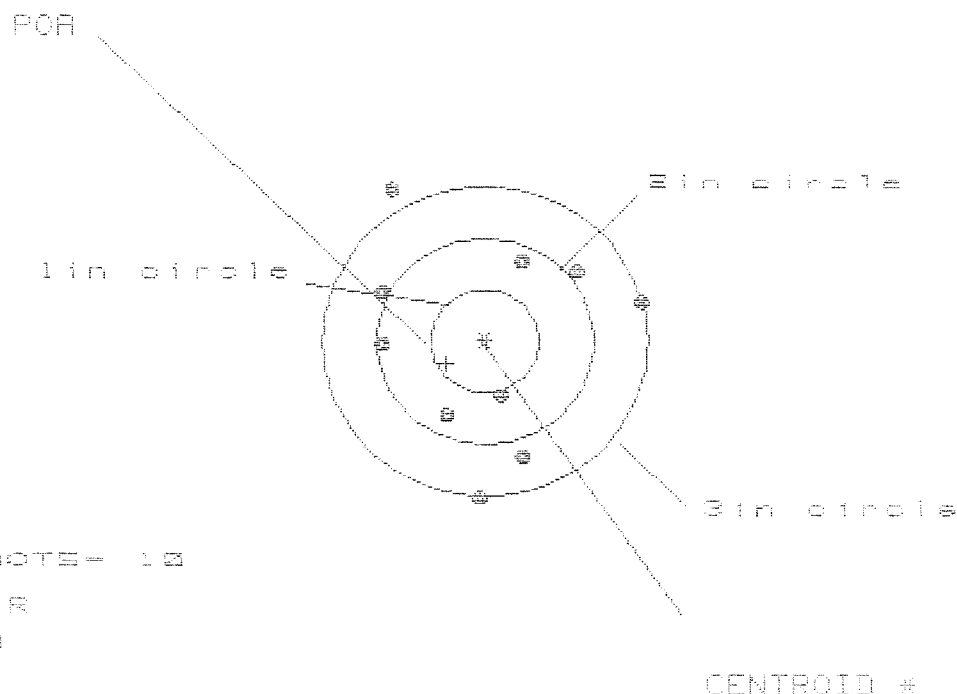
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0284
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0562
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0629682
THE AMR FOR THIS RIFLE IS: .8376

14 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8348082

CENTERFIRE PATTERNS

1



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 4

3 in = 6

HS = 0.367

VS = 0.848

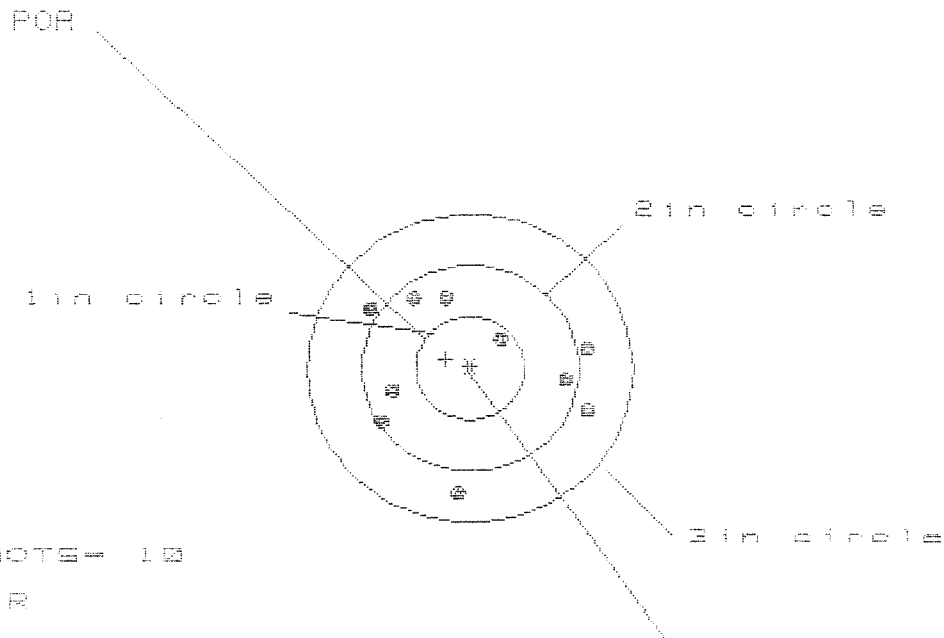
CS = 3.039

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.405	1.315	1.296
MINIMUM X	:	-0.962	-1.052	-1.071
MAXIMUM Y	:	1.458	.926	.780
MINIMUM Y	:	-1.490	-1.327	-1.088
CENTROID X	:	.354	.444	.463
CENTROID Y	:	.221	.058	.224
POR TO CENTROID in.	:	.417	.447	.514
MIN RADIUS	:	.519	.343	.508
MEAN RADIUS	:	1.096	1.010	.974
MAX RADIUS	:	1.666	1.407	1.339
HORIZONTAL SPREAD	:	2.367	2.367	2.367
VERTICAL SPREAD	:	2.948	2.253	1.848
EXTREME SPREAD	:	3.039	2.373	2.373
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

14 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349082

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 10

HS= 2.002

VS= 1.899

GS= 2.266

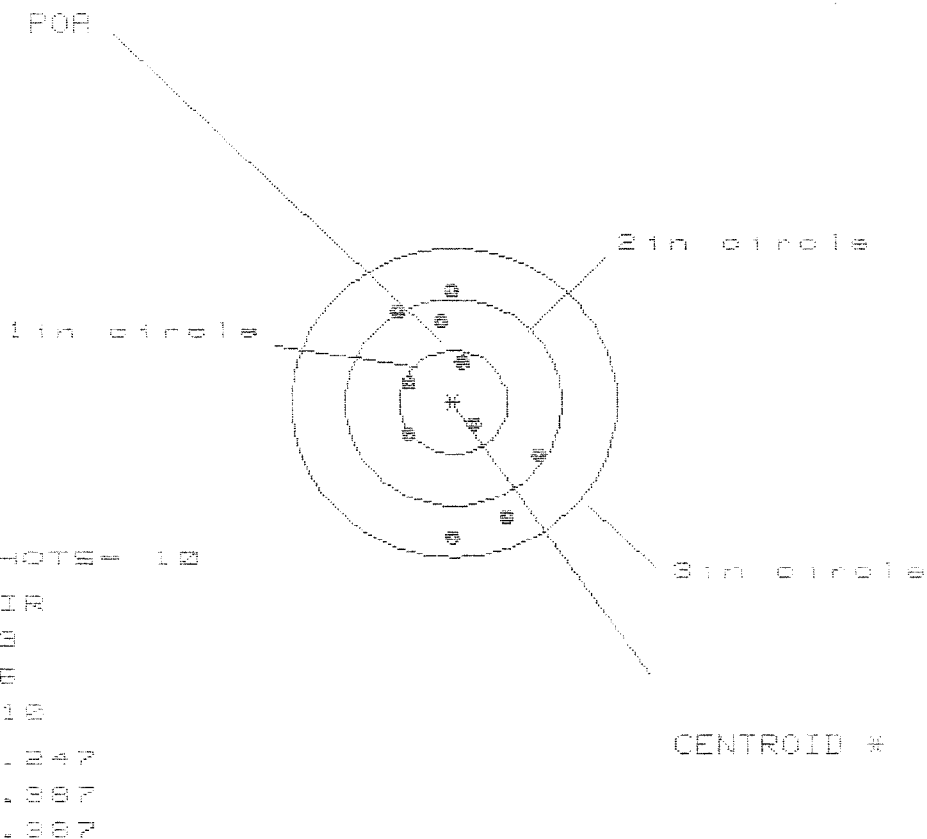
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.122	1.179	1.178
MINIMUM X	:	-.881	-.756	-.757
MAXIMUM Y	:	.706	.656	.501
MINIMUM Y	:	-1.194	-1.243	-.703
CENTROID X	:	.221	.096	.097
CENTROID Y	:	-.087	-.038	.117
FOR TO CENTROID in.	:	.237	.103	.152
MIN RADIUS	:	.396	.448	.374
MEAN RADIUS	:	.912	.864	.788
MAX RADIUS	:	1.206	1.243	1.178
HORIZONTAL SPREAD	:	2.002	1.935	1.935
VERTICAL SPREAD	:	1.899	1.899	1.204
EXTREME SPREAD	:	2.266	1.983	1.983
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

14 May 1938

FILE:/PATTERNING/CENTERFIRE_PATT/C6349002

CENTERFIRE PATTERNS # 3



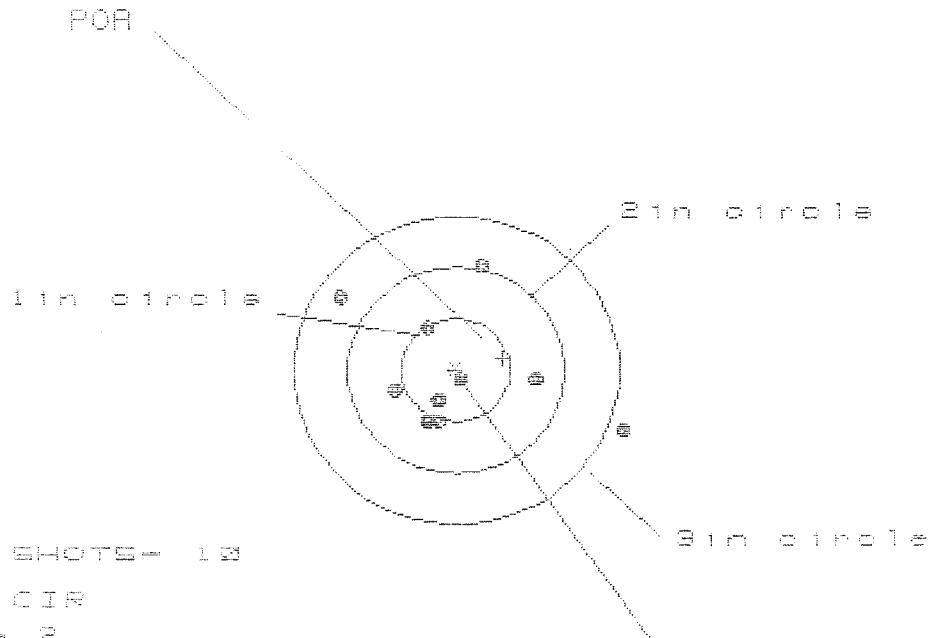
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.753	.753	.811
MINIMUM X	:	-.494	-.494	-.436
MAXIMUM Y	:	1.122	.982	.827
MINIMUM Y	:	-1.265	-1.239	-.816
CENTROID X	:	-.082	-.082	-.140
CENTROID Y	:	-.391	-.251	-.096
POA TO CENTROID in.	:	.400	.264	.170
MIN RADIUS	:	.316	.212	.114
MEAN RADIUS	:	.807	.738	.637
MAX RADIUS	:	1.265	1.323	1.150
HORIZONTAL SPREAD	:	1.247	1.247	1.247
VERTICAL SPREAD	:	2.387	2.221	1.643
EXTREME SPREAD	:	2.387	2.267	1.898
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

14 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349002

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HSE = 0.554

VSE = 1.675

GSE = 2.854

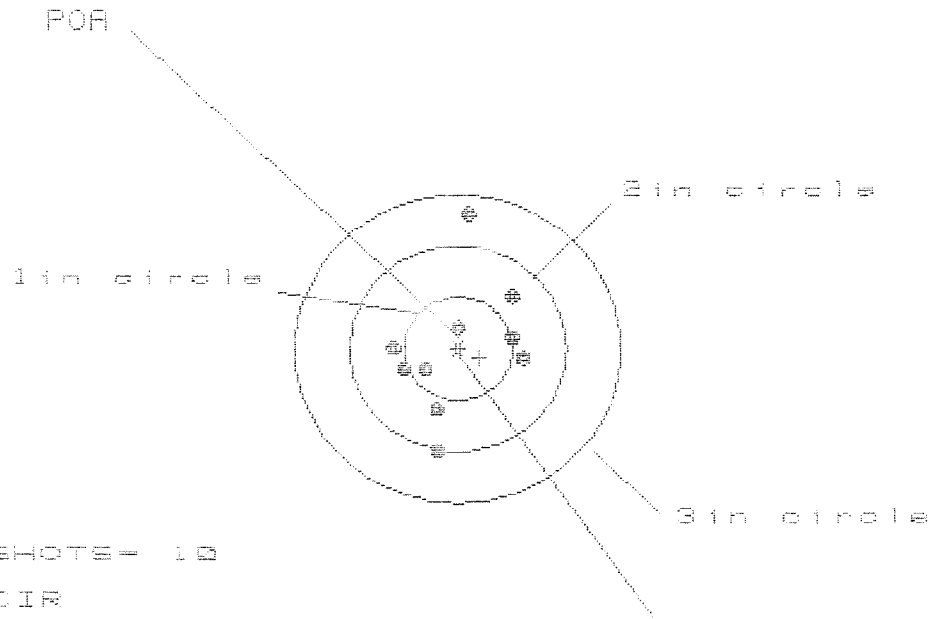
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.505	.875	.767
MINIMUM X	:	-1.029	-.862	-.522
MAXIMUM Y	:	1.053	.984	1.062
MINIMUM Y	:	-.622	-.570	-.492
CENTROID X	:	-.434	-.601	-.493
CENTROID Y	:	-.113	-.044	-.122
POA TO CENTROID in.	:	.448	.603	.508
MIN RADIUS	:	.114	.261	.131
MEAN RADIUS	:	.731	.626	.547
MAX RADIUS	:	1.629	1.063	1.099
HORIZONTAL SPREAD	:	2.534	1.737	1.289
VERTICAL SPREAD	:	1.675	1.554	1.554
EXTREME SPREAD	:	2.854	1.886	1.624
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

14 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349002

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 1.174

VS= 2.297

GS= 2.310

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.572	.580	.559
MINIMUM X	:	-.602	-.594	-.615
MAXIMUM Y	:	1.293	.631	.524
MINIMUM Y	:	-1.004	-.861	-.591
CENTROID X	:	-.201	-.209	-.188
CENTROID Y	:	.089	-.054	.053
POB TO CENTROID in.	:	.220	.216	.195
MIN RADIUS	:	.162	.267	.197
MEAN RADIUS	:	.642	.563	.514
MAX RADIUS	:	1.294	.876	.749
HORIZONTAL SPREAD	:	1.174	1.174	1.174
VERTICAL SPREAD	:	2.297	1.492	1.115
EXTREME SPREAD	:	2.310	1.657	1.358
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

Aims 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: **RE00008583** Serial: **C6349002 Model 700 Center Fire Caliber: 7.62 M-24 (SWS)** Repairman: Status: **Closed 4/27/00 7:42:21 AM**

Address Information

Customer: ☒ Received From Return To: ☒ Received From

Name: **SUPPLY DIVISION** **SUPPLY DIVISION**

Address 1: **USAIC BLDG. 490** **USAIC BLDG. 490**

Address 2: PO Box: PO Box:

City: **FORT BENNING** **FORT BENNING**

State: **GA** Zip Code: **31905** Country: **US** State: **GA** Zip Code: **31905** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Condition: **Poor**

Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud, & SWIVEL	2
A010	Hard Case	1
A016	Scope Mounts	2
A017	Scope Base	1
A026	Scope	1

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

hagletj 4/27/00 12:12 PM CAPS NUM INS SCRL

Start In... N... S... Ex... Mi... Ar... P... W Mi... C... P... 12:12 PM

Scope S/N 87-1118

Serial Number: **C6349002**

Model: **700**



RE00008583

96003- BBL
96018- Stock Assy
96006 - Bolt

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6349002
21 Aug 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4362
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0162
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .436501

THE AMR FOR THIS RIFLE IS: 1.254

CENTROIDAL DISTANCES

Ø TO	1	.231019
1 TO	2	.634054
1 TO	3	.349107
1 TO	4	.605026
1 TO	5	.43089

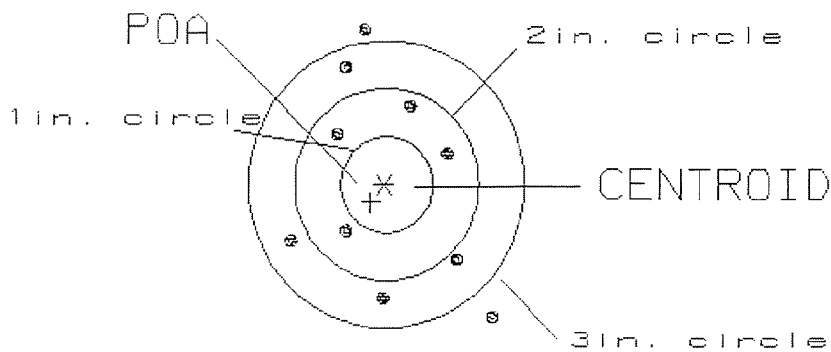
1 5
+ 3 <4---POA
2

PATTERN #: 1
 POA TO CENTROID: .231
 MIN RADIUS : .665
 MEAN RADIUS : 1.115
 MAX RADIUS : 1.798
 CENTROID X : .141
 CENTROID Y : .183

21 Aug 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349002

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.23

0

VS= 2.92

4

GS= 3.25

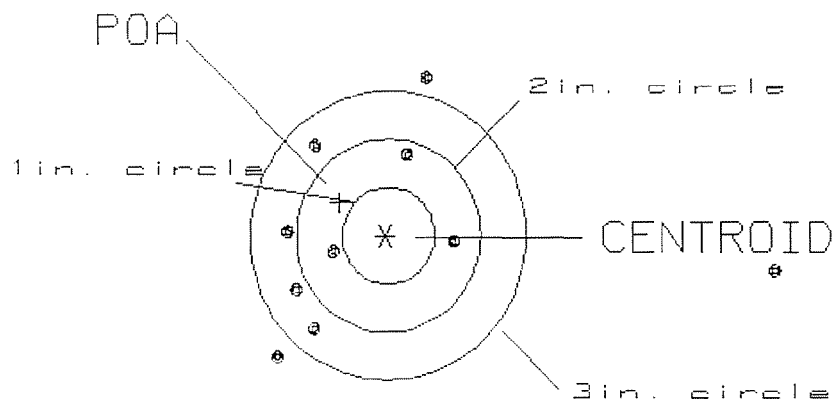
8

PATTERN #: 2
 POA TO CENTROID: .604
 MIN RADIUS : .672
 MEAN RADIUS : 1.471
 MAX RADIUS : 4.236
 CENTROID X : .498
 CENTROID Y : -.341

21 Aug 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349002

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 5.38
 VS= 2.98
 GS= 5.46

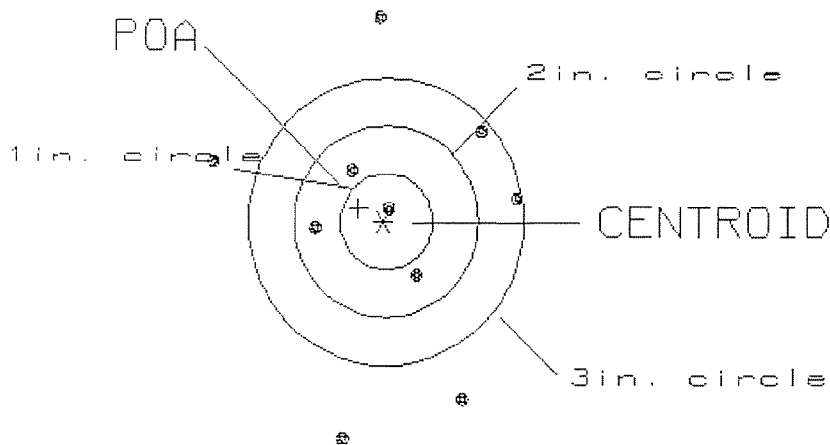
0
 3
 7

PATTERN #: 3
 POA TO CENTROID: .306
 MIN RADIUS : .190
 MEAN RADIUS : 1.374
 MAX RADIUS : 2.280
 CENTROID X : .271
 CENTROID Y : -.141

21 Aug 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349002

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.38
 VS= 4.37
 GS= 4.39

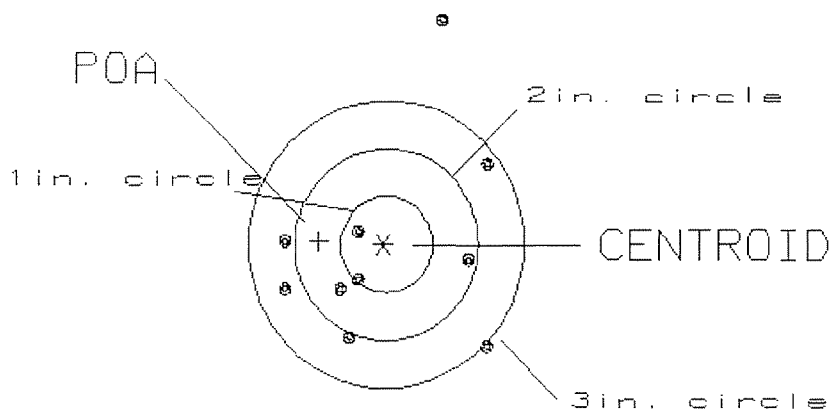
1
 4
 6

PATTERN #: 4
 POA TO CENTROID: .706
 MIN RADIUS : .329
 MEAN RADIUS : 1.118
 MAX RADIUS : 2.447
 CENTROID X : .705
 CENTROID Y : -.036

21 Aug 2000

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/c6349002

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.28

2

VS= 3.40

4

GS= 3.46

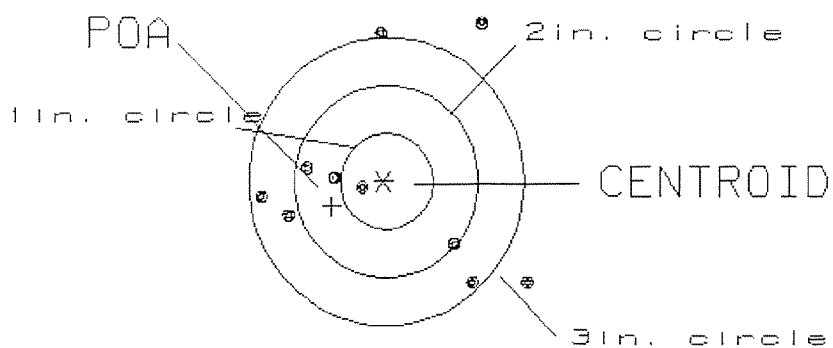
8

PATTERN #: 5
 POA TO CENTROID: .621
 MIN RADIUS : .324
 MEAN RADIUS : 1.193
 MAX RADIUS : 1.901
 CENTROID X : .566
 CENTROID Y : .254

21 Aug 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349002

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.85

1

VS= 2.68

4

GS= 3.10

7

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

[illegible]

Final Inspection

S.N. C6349002

DATE REC'D: 4-24-00

DATE RET'D:

AUDITOR: RW

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: