

0623 4164
Repace
E 6443588

Repair Inquiry

Repair Number: RE00073073

Serial: E6413588 Model 700 Center Fire Caliber: 7
62 NATO M24 SWS

Repairman:

Verify Repair

Status:

Closed 11/17/2003 8:50:34 AM

Address Information

Customer: ☐ Received From Return To: ☐ Received From
Name: TRANSPORTATION DIV DFEL
Address 1: WAREHOUSE BLDG 280
Address 2: 6701 TRANSPORTATION AVE PO Box:
City: 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

Fair

Condition
Notes: CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A017	F/R Scope Bases	2
A026	Scope / W/Base	1

Repair Search

Refresh

Close

nagletj

11/17/2003

9:00 AM

CAPS

NUM

INS

SCRL

start

2 Micros...

My Exclite...

Arms Serv...

3 Micros...

3 1/2 Flopp...

CATFMSI

9:00 AM

66236166

Serial Number: E6413588

Model: 700



RE00073073

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

[illegible]

Remington®

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

M/24 7.62 NATO (RIFLE ONLY)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

SERIAL NO.
G6236166

ORDER NO.
25732

46

Made in Ilion, NY Reg. U.S. Pat & Tr Off. Marca Registrada Marque Deposee.



26PX

5732 G6236166

M/24 7.62 NATO (RIFLE ONLY)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

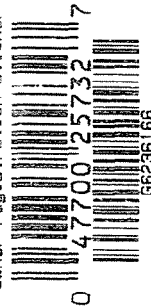
- INSTRUCTION BOOK 3518

46 FORM 200348

proof of purchase



owner registration sticker



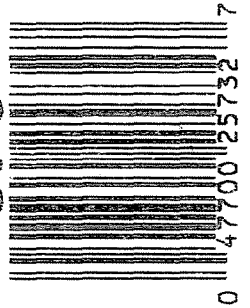
ORDER NO. 25732

BARREL LENGTH 24"

CAPACITY 5

G6236166

UPC



M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6236666

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		8/27/02	RL
600	PROOF		9-4-02	K
607	CHECK HEADSPACE		9-4-02	K
610	DIS-ASSEMBLE GUN	MAGNA - FLUX INSPECTED	9/3/02	RL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	SEP 04 2002 OPERATOR <u>RL</u>		
615	ROLLMARK CALIBER		9/5	RB
617	DRILL AND TAP SIGHT HOLES		9-5-02	AC
620	APPLY COATINGS (BARREL ACTION)		10-1	TA
	(BOLT)		10-1	TA
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		10-17-02	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10-17-02	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10-17-02	DA
	D) OIL FIRING PIN ASSEMBLY		10-17-02	DA
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS	6-20-03	TRW

OP #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7.0</u> <u>7.25</u> <u>7.5</u>	6-20-03	TRW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>2.5</u> <u>2.5</u>	6-20-03	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY		6-20-03	RTL
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.0235</u> <u>.0235</u>	6-20-03	TRW
	J) ASSEMBLE STOCK		5/13/03	RW
	K) ASSEMBLE SWIVEL STUDS		6-25-03	RTL
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		6-25-03	RTL
	M) IRON SIGHT ALIGNMENT		6-25-03	RTL
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		6-25-03	RTL
640	GALLERY TEST AND TARGET	PASS FAIL	5-30-03	A
	MALFUNCTION	CORRECTION	5-30-03	A
	MALFUNCTION	CORRECTION	5-30-03	A
	MALFUNCTION	CORRECTION	5-30-03	A
	MALFUNCTION	CORRECTION	5-30-03	A
645	INSPECT FOR LIVE AMMO		5-30-03	A
655	FINAL INSPECTION A) HEADSPACE		6-25-03	RTL
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.86</u> <u>2.87</u> <u>2.83</u> <u>2.91</u> <u>2.93</u>	6-20-03	TRW
	C) FUNCTION		6-25-03	RTL
660	PACK		6-27-03	RW

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

DATE 5-13-03

TESTER TRW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.26	2.77	2.62	MIN. SETTING,
PULL #2	2.51	2.79	2.57	NO AVG. OF 5
PULL #3	2.45	2.44	2.60	READINGS ACCEPT-
PULL #4	2.49	2.67	2.35	ABLE LESS THAN 2
PULL #5	2.55	2.62	2.28	
TOTAL	12.26	13.29	12.42	
AVG.	2.45	2.65	2.48	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.33	3.20	
PULL #2	3.34	3.28	
PULL #3	3.35	3.25	
PULL #4	3.31	3.18	
PULL #5	3.28	3.27	
TOTAL	16.61	16.18	
AVG.	3.32	3.23	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCUR
PULL #1	4.19	4.30		4.14
PULL #2	4.27	4.32		4.13
PULL #3	4.19	4.30		4.14
PULL #4	4.11	4.27		4.12
PULL #5	4.21	4.25		4.13
TOTAL	20.97	21.44		20.66
AVG.	4.19	4.28		4.13

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6236166.___0
FILE DATE AND TIME: 05/30/2003 04:59

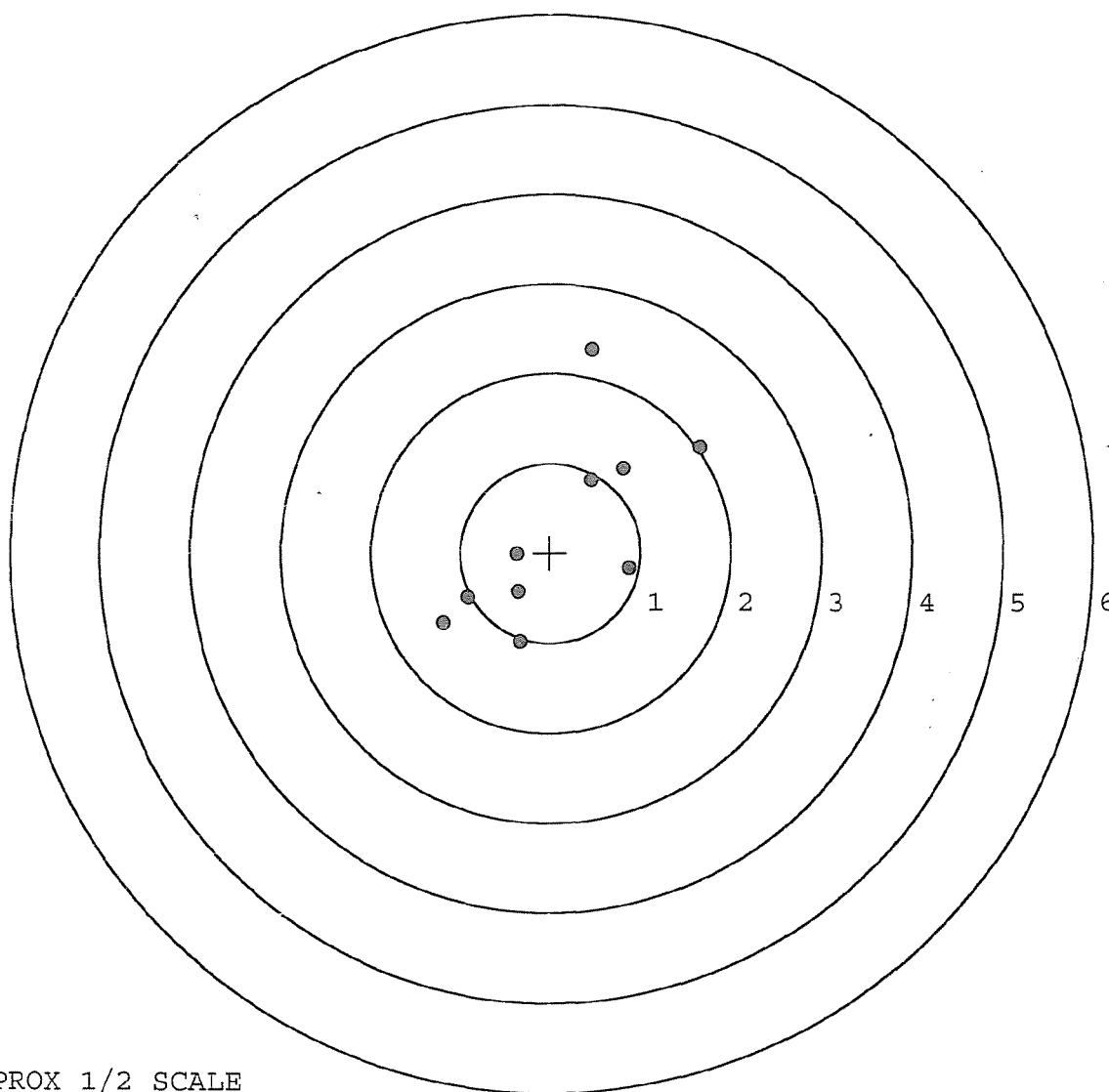
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.013
The Average Y Centroid of the Five Target Set:	0.029
The Average Point of Impact of the Five Target Set:	0.032
The Average Mean Radius of the Five Target Set:	0.894
The Distance from POA to Centroid Target #1:	0.254
The Distance from Centroid Target #2 to Centroid Target #1:	0.288
The Distance from Centroid Target #3 to Centroid Target #1:	0.130
The Distance from Centroid Target #4 to Centroid Target #1:	0.360
The Distance from Centroid Target #5 to Centroid Target #1:	0.530

SERIAL NUMBER: G6236166. __0
TARGET NUMBER: 1
FILE DATE: 05/30/2003
FILE TIME: 04:59

X CENTROID: 0.109
Y CENTROID: 0.230
POA TO CENTROID: 0.254
HORZ SPREAD: 2.849
VERT SPREAD: 3.254
GROUP SPREAD: 3.469
MIN RADIUS: 0.538
MAX RADIUS: 2.065
MEAN RADIUS: 1.198
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.877	-0.177
2:	0.454	0.814
3:	0.809	0.940
4:	1.656	1.179
5:	-0.369	-0.018
6:	-0.354	-0.436
7:	-0.338	-0.990
8:	-0.914	-0.496
9:	-1.193	-0.784
10:	0.464	2.264

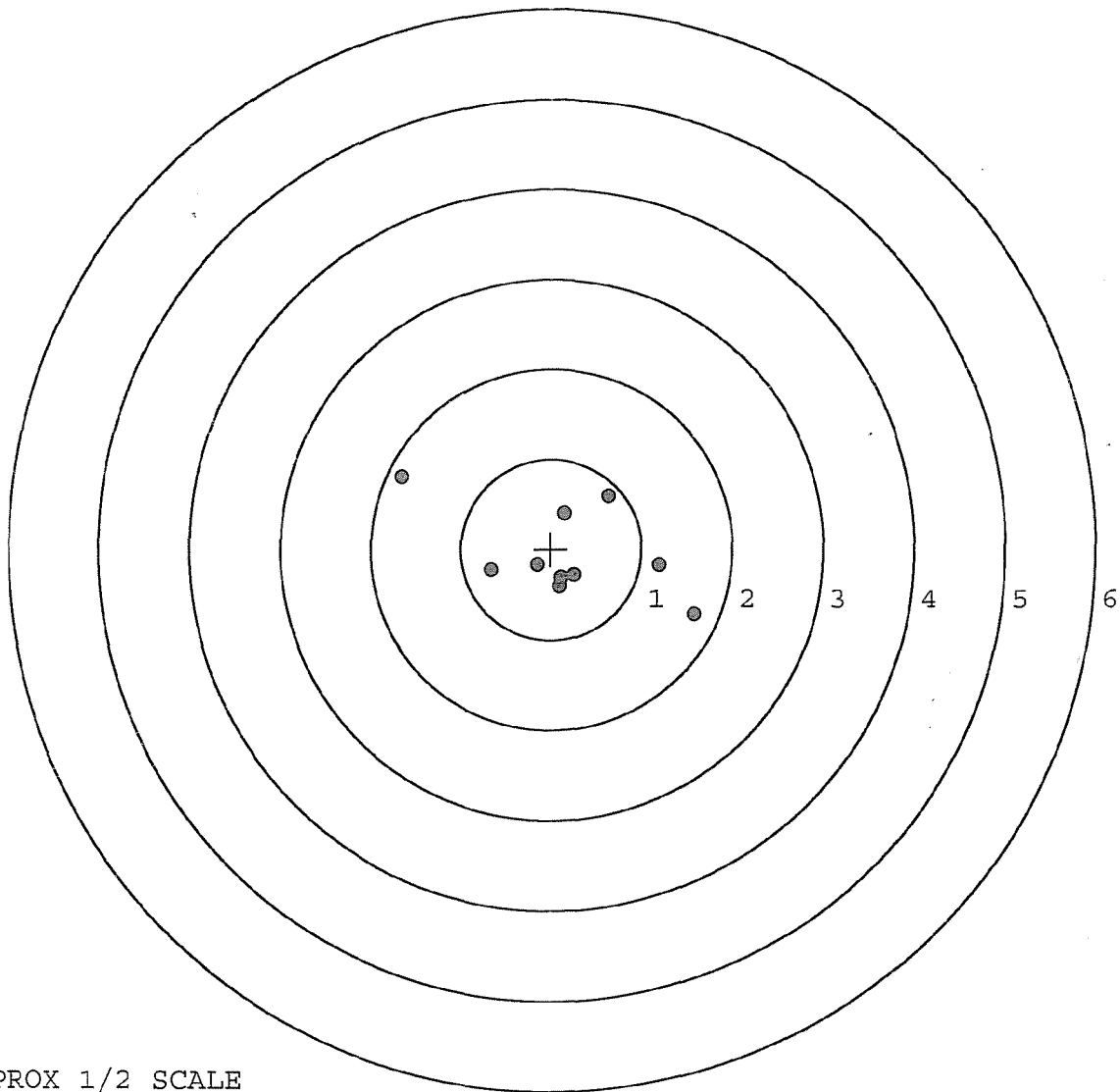


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236166. __0
TARGET NUMBER: 2
FILE DATE: 05/30/2003
FILE TIME: 04:59

X CENTROID: 0.156
Y CENTROID: -0.054
POA TO CENTROID: 0.166
HORZ SPREAD: 3.237
VERT SPREAD: 1.534
GROUP SPREAD: 3.582
MIN RADIUS: 0.255
MAX RADIUS: 2.012
MEAN RADIUS: 0.794
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.153	0.396
2:	0.640	0.589
3:	1.196	-0.185
4:	1.577	-0.724
5:	0.256	-0.289
6:	0.099	-0.416
7:	-0.150	-0.174
8:	-0.662	-0.231
9:	-1.660	0.810
10:	0.115	-0.319



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236166. 0

TARGET NUMBER: 3

FILE DATE: 05/30/2003

FILE TIME: 04:59

POINT#	X	Y
1:	0.549	-0.758
2:	1.352	-0.346
3:	0.015	-0.087
4:	-0.411	-0.064
5:	-0.964	-0.365
6:	-1.266	-0.574
7:	-0.961	-1.418
8:	0.288	0.952
9:	0.879	2.381
10:	0.309	2.560

X CENTROID: -0.021

Y CENTROID: 0.228

POA TO CENTROID: 0.229

HORZ SPREAD: 2.618

VERT SPREAD: 3.978

GROUP SPREAD: 4.176

MIN RADIUS: 0.317

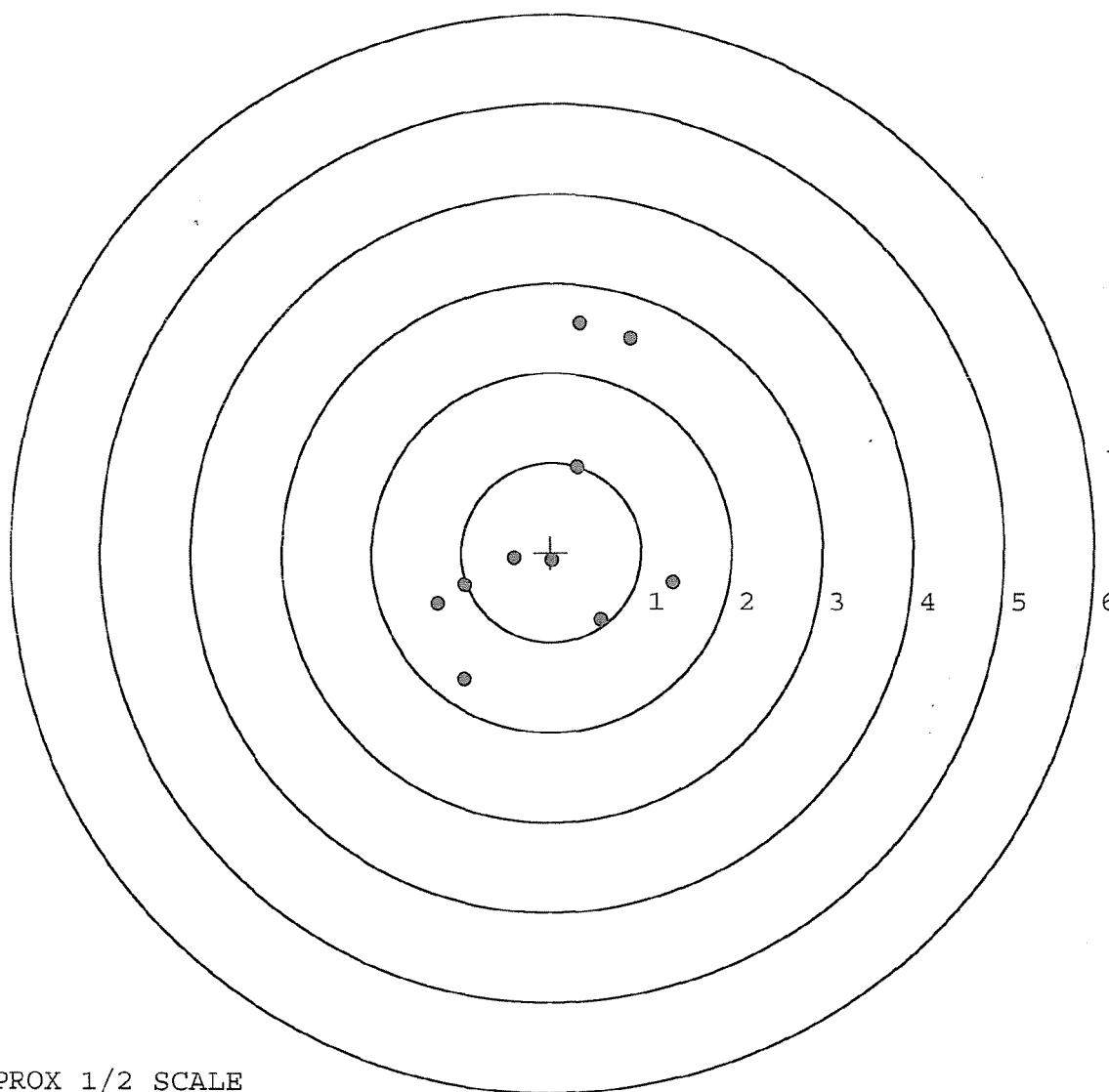
MAX RADIUS: 2.355

MEAN RADIUS: 1.340

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 7

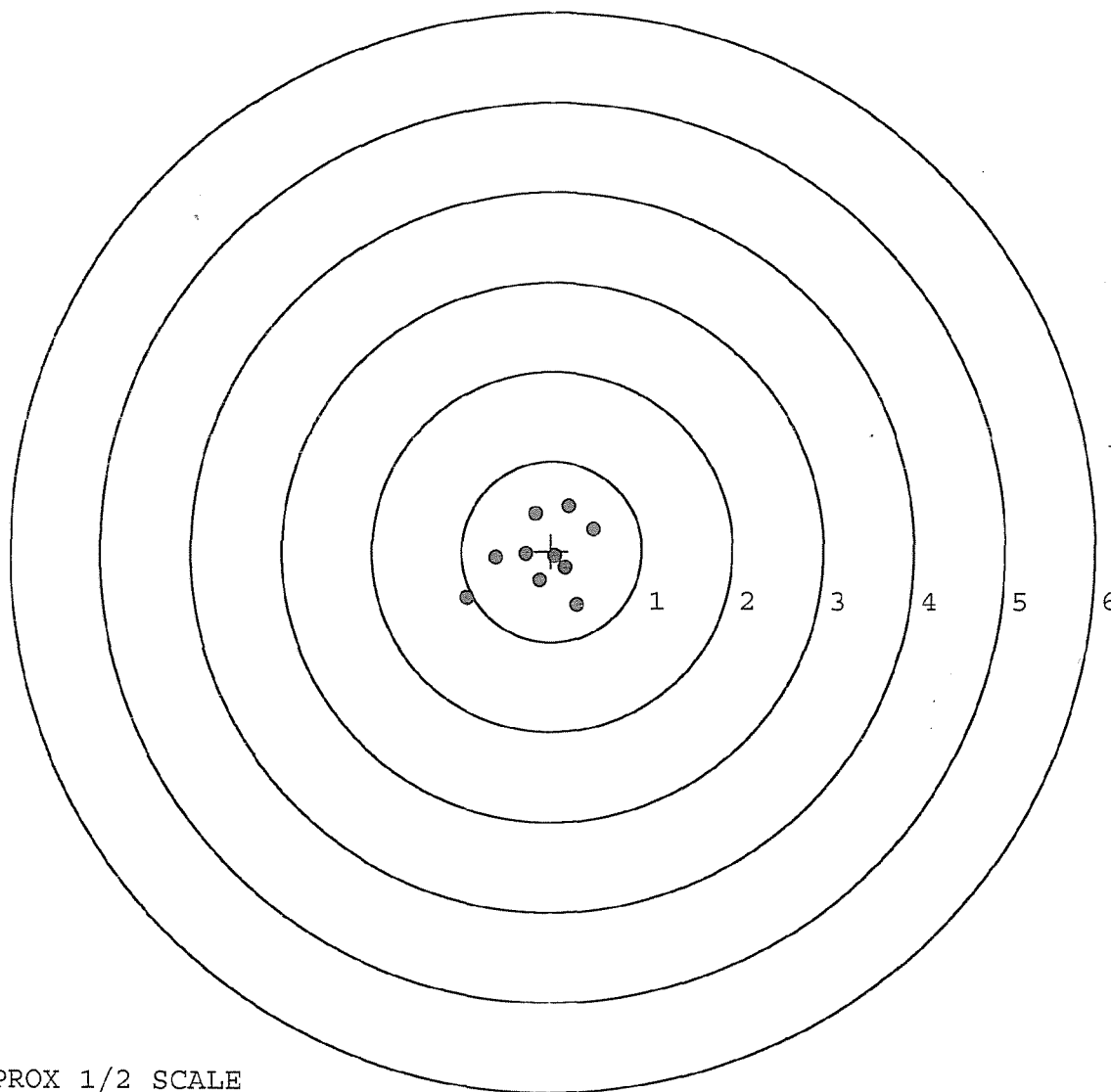


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236166. __0
TARGET NUMBER: 4
FILE DATE: 05/30/2003
FILE TIME: 04:59

X CENTROID: -0.102
Y CENTROID: -0.062
POA TO CENTROID: 0.119
HORZ SPREAD: 1.403
VERT SPREAD: 1.086
GROUP SPREAD: 1.595
MIN RADIUS: 0.146
MAX RADIUS: 0.954
MEAN RADIUS: 0.476
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.281	-0.589
2:	0.463	0.241
3:	0.188	0.497
4:	-0.182	0.417
5:	-0.616	-0.072
6:	-0.940	-0.517
7:	-0.284	-0.030
8:	-0.127	-0.324
9:	0.044	-0.057
10:	0.157	-0.185



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236166. 0

TARGET NUMBER: 5

FILE DATE: 05/30/2003

FILE TIME: 04:59

POINT#	X	Y
1:	0.430	-0.282
2:	-0.057	-1.883
3:	-1.566	-0.216
4:	0.145	0.466
5:	0.210	0.236
6:	-0.267	0.290
7:	-0.463	0.211
8:	0.065	-0.187
9:	-0.151	-0.251
10:	-0.412	-0.347

X CENTROID: -0.207

Y CENTROID: -0.196

POA TO CENTROID: 0.285

HORZ SPREAD: 1.996

VERT SPREAD: 2.349

GROUP SPREAD: 2.358

MIN RADIUS: 0.078

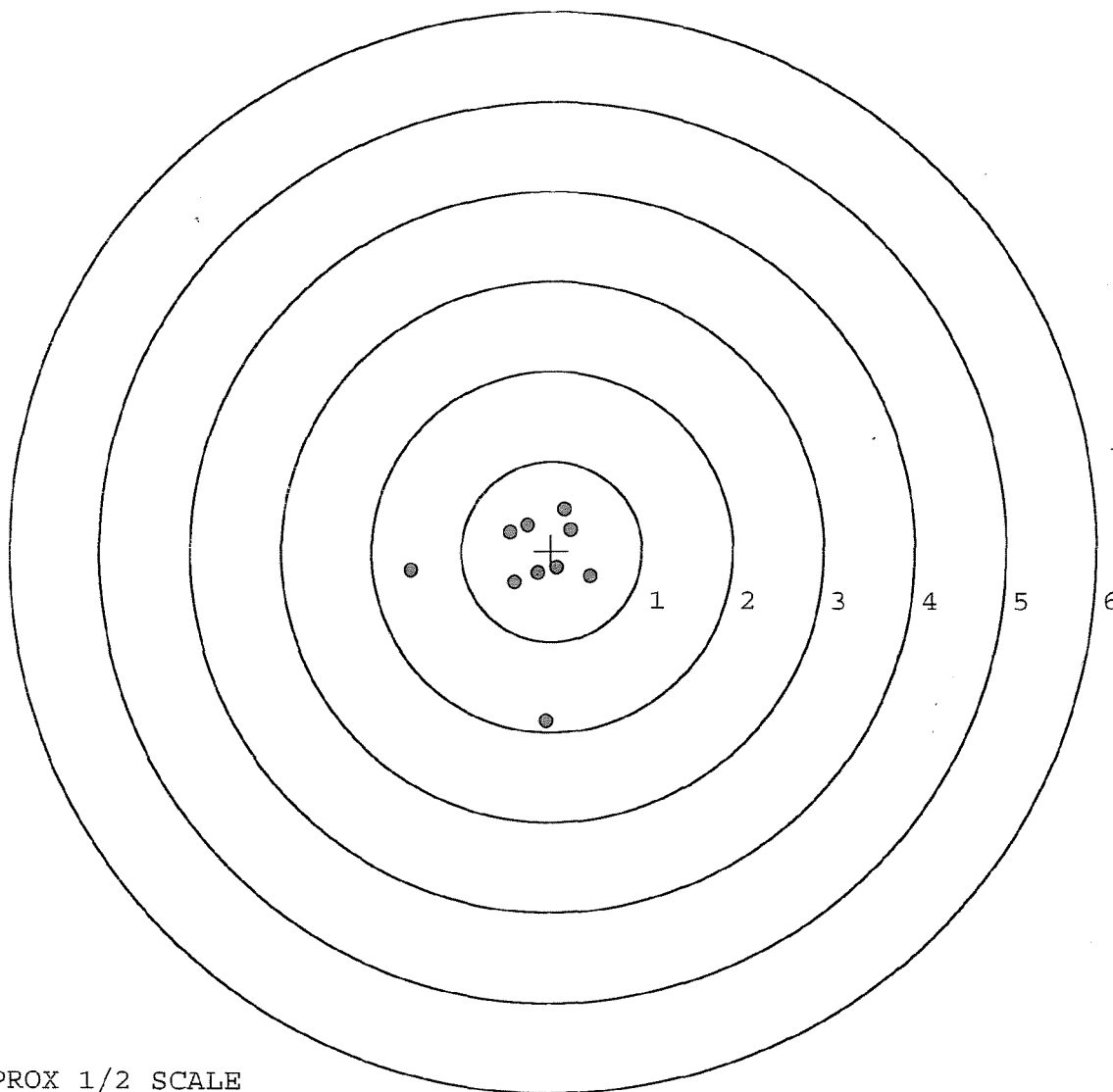
MAX RADIUS: 1.693

MEAN RADIUS: 0.662

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6413588
25 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1268
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0028
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .126831

THE AMR FOR THIS RIFLE IS: .9346

CENTROIDAL DISTANCES

0 TO 1	.152742
1 TO 2	.18422
1 TO 3	.254788
1 TO 4	.185981
1 TO 5	.181342

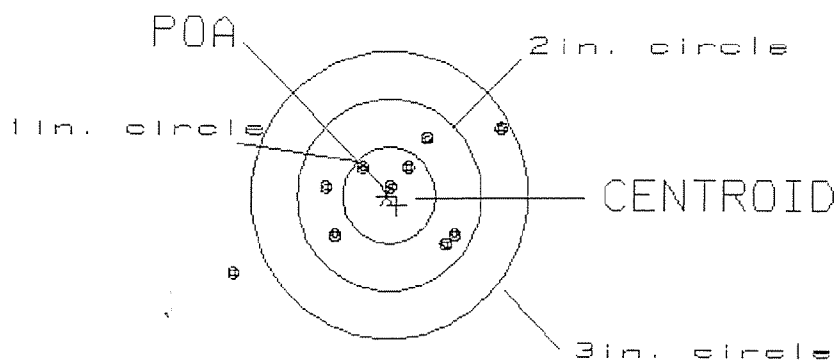
$\frac{1}{3} + \frac{2}{3}$ <----POA

PATTERN #: 1
 POA TO CENTROID: .152
 MIN RADIUS : .109
 MEAN RADIUS : .806
 MAX RADIUS : 1.898
 CENTROID X : -.109
 CENTROID Y : .107

25 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413508.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.93

3

VS= 1.52

8

GS= 3.30

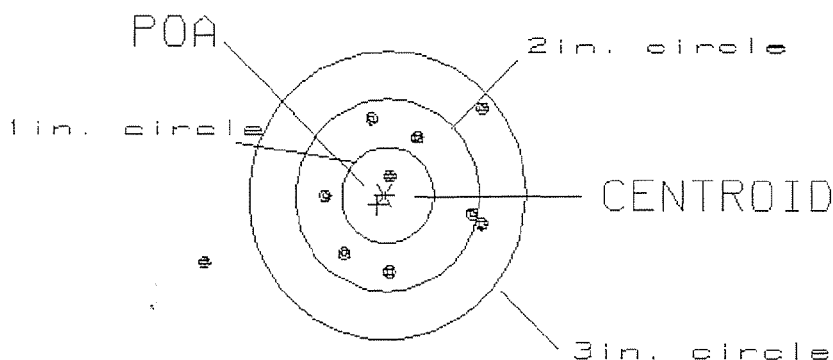
9

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .123
 MIN RADIUS : .256
 MEAN RADIUS : .944
 MAX RADIUS : 2.075
 CENTROID X : .075
 CENTROID Y : .098

25 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413508.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.98

1

US= 1.70

7

GS= 3.37

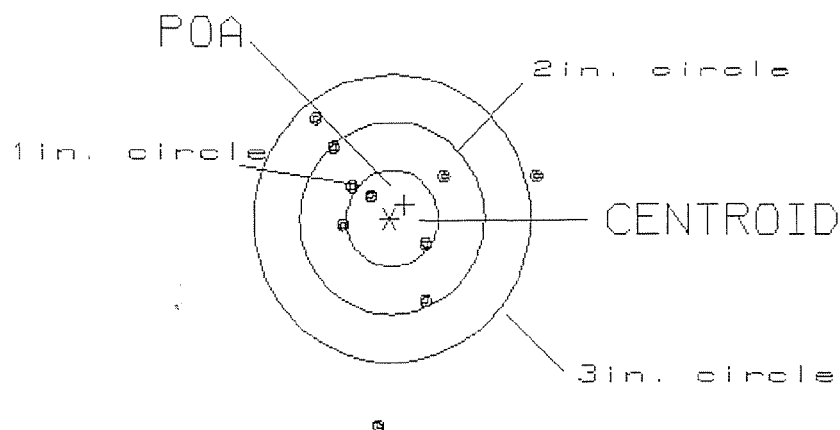
9

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .216
 MIN RADIUS : .296
 MEAN RADIUS : .962
 MAX RADIUS : 2.137
 CENTROID X : -.163
 CENTROID Y : -.142

25 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413500.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.42

2

US= 3.19

7

GS= 3.27

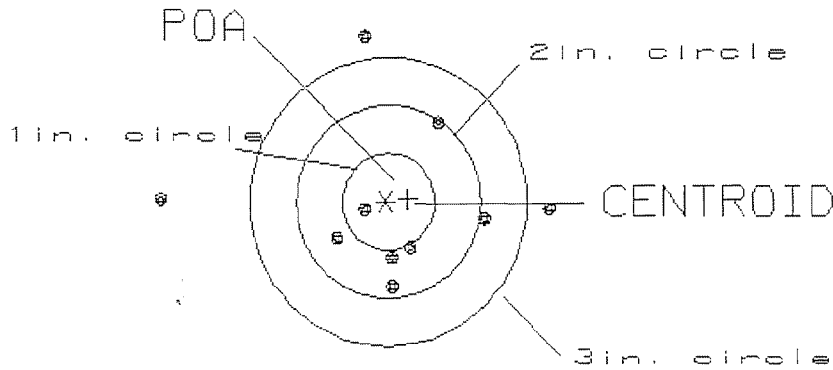
8

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .240
 MIN RADIUS : .280
 MEAN RADIUS : 1.089
 MAX RADIUS : 2.447
 CENTROID X : -.239
 CENTROID Y : -.026

25 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413500.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 4.14
 VS= 2.57
 GS= 4.14

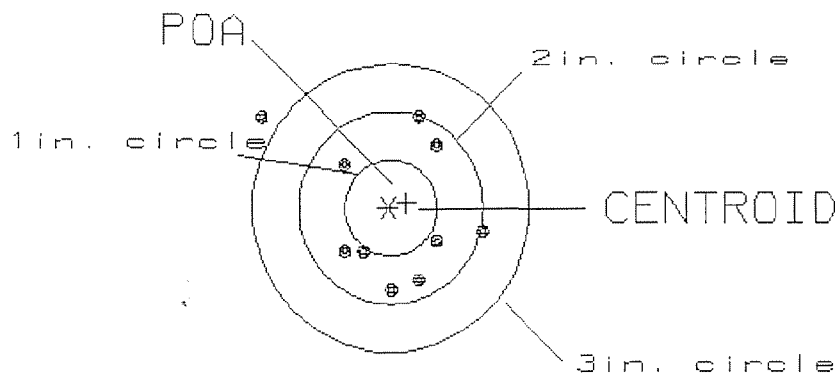
1
 5
 7

PATTERN #: 050
 POA TO CENTROID: .205
 MIN RADIUS : .525
 MEAN RADIUS : .872
 MAX RADIUS : 1.709
 CENTROID X : -.198
 CENTROID Y : -.051

25 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/a6413588.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.40

0

VS= 1.79

8

GS= 2.68

9

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6413588
23 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0934
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.3274
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .340462

THE AMR FOR THIS RIFLE IS: 1.349

CENTROIDAL DISTANCES

0 TO 1	.172557
1 TO 2	.257402
1 TO 3	.17907
1 TO 4	.594226
1 TO 5	.551874

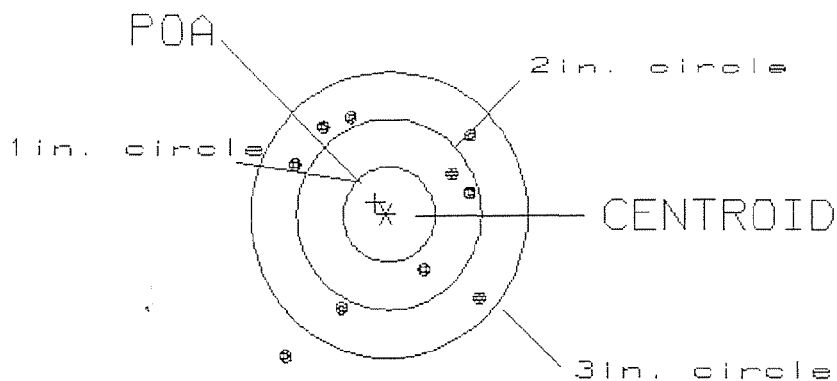
 + <----POA
 1
 5 2 3
 4

PATTERN #: 1
 POA TO CENTROID: .173
 MIN RADIUS : .691
 MEAN RADIUS : 1.138
 MAX RADIUS : 1.841
 CENTROID X : .120
 CENTROID Y : -.124

23 Jan 2001

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/e5413588

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.07

0

VS= 2.47

3

GS= 3.04

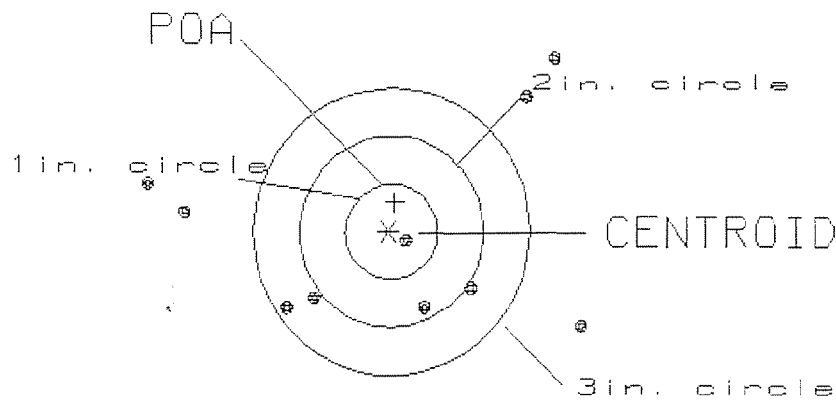
9

PATTERN #: E 2 C
 POA TO CENTROID: .314
 MIN RADIUS : .219
 MEAN RADIUS : 1.634
 MAX RADIUS : 2.686
 CENTROID X : -.060
 CENTROID Y : -.308

23 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/eb413588

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 4.71
 VS= 2.75
 GS= 4.95

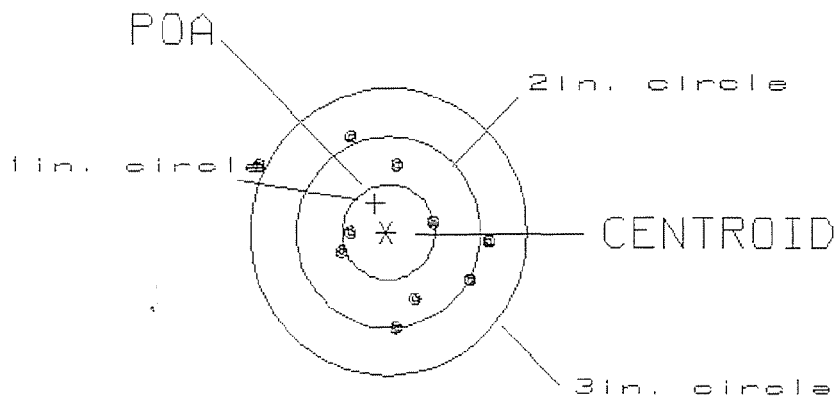
1
 2
 5

PATTERN #: C 3 L
 POA TO CENTROID: .324
 MIN RADIUS : .452
 MEAN RADIUS : .867
 MAX RADIUS : 1.562
 CENTROID X : .115
 CENTROID Y : -.303

23 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413588

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.45

1

VS= 1.99

5

GS= 2.59

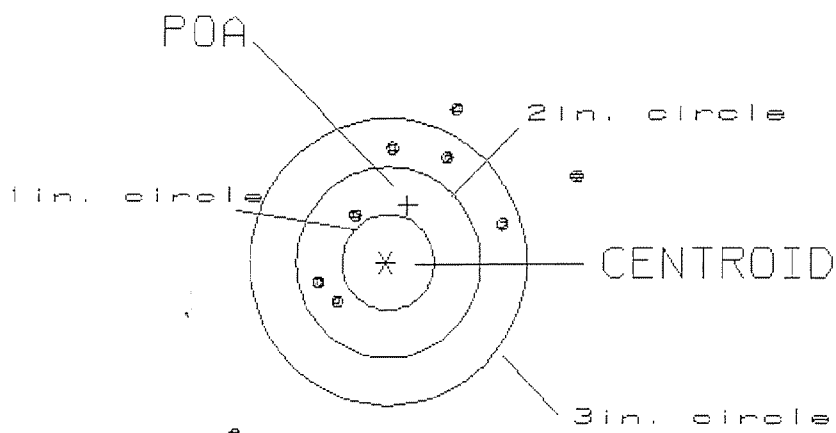
9

PATTERN #: 4
 POA TO CENTROID: .643
 MIN RADIUS : .606
 MEAN RADIUS : 1.576
 MAX RADIUS : 3.514
 CENTROID X : -.241
 CENTROID Y : -.596

23 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413588

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.65

0

VS= 4.84

3

GS= 5.34

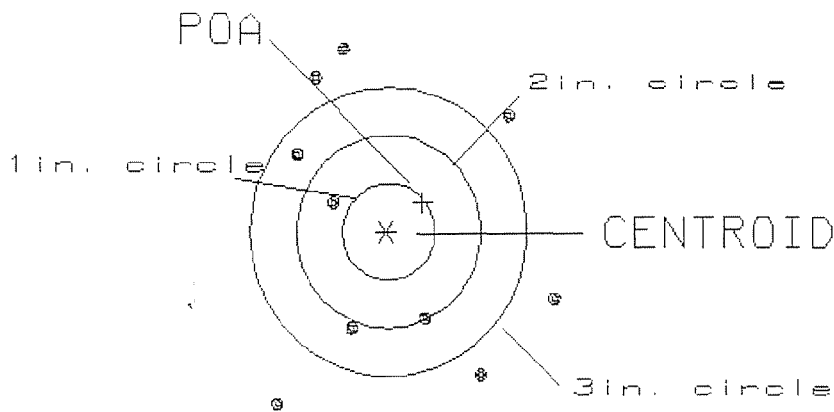
6

PATTERN #: 15
 POA TO CENTROID: .504
 MIN RADIUS : .649
 MEAN RADIUS : 1.529
 MAX RADIUS : 2.127
 CENTROID X : -.401
 CENTROID Y : -.306

23 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413588

CENTERFIRE PATTERN # 15



OF SHOTS= 10

IN CIRCLE

HS= 2.97

0

VS= 3.66

2

GS= 3.83

4

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

R & E NUMBER		<i>18850</i>	
SERIAL NUMBER		<i>E6413588</i>	
LOG-IN DATE		<i>12-12-00</i>	
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	<i>12-16-00</i>	<i>CK</i>
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<i>12-20-00</i>	<i>CK</i>
605	CHECK HEADSPACE	<i>12-20-00</i>	<i>CK</i>
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	<i>1-24-01</i>	<i>RW</i>
655	FINAL INSPECT	<i>1-30-01</i>	<i>CK</i>
660	PACK		
		SHIP DATE	
		QAR INSPECTION DATE	

Final Inspection

Sn: EL6413588

DATE REC'D: 12-12-00

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

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

Misc.

☒ DD-250☒ BAR CODE☒ PACKAGING

Comments: