

G 657 7199
Rephead
E 676 3539

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577199.__0

FILE DATE AND TIME: 07/18/2006 16:39

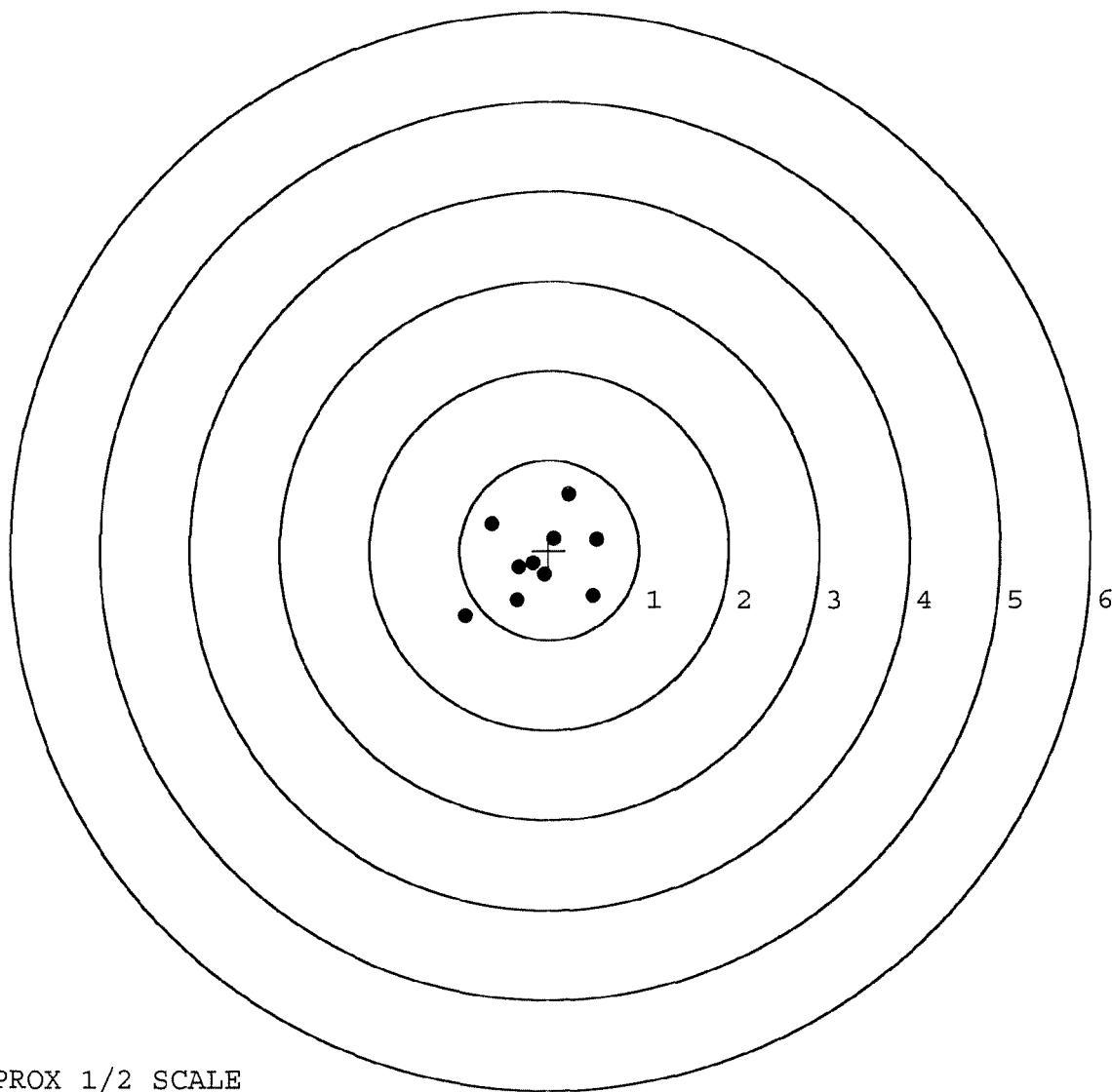
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.121
The Average Y Centroid of the Five Target Set:	-0.023
The Average Point of Impact of the Five Target Set:	0.123
The Average Mean Radius of the Five Target Set:	0.607
The Distance from POA to Centroid Target #1:	0.171
The Distance from Centroid Target #2 to Centroid Target #1:	0.223
The Distance from Centroid Target #3 to Centroid Target #1:	0.170
The Distance from Centroid Target #4 to Centroid Target #1:	0.202
The Distance from Centroid Target #5 to Centroid Target #1:	0.139

SERIAL NUMBER: G6577199. __0
TARGET NUMBER: 1
FILE DATE: 07/18/2006
FILE TIME: 16:39

X CENTROID: -0.119
Y CENTROID: -0.123
POA TO CENTROID: 0.171
HORZ SPREAD: 1.473
VERT SPREAD: 1.357
GROUP SPREAD: 1.781
MIN RADIUS: 0.060
MAX RADIUS: 1.016
MEAN RADIUS: 0.519
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.935	-0.728
2:	0.490	-0.513
3:	-0.354	-0.555
4:	-0.050	-0.269
5:	-0.339	-0.190
6:	-0.644	0.296
7:	0.219	0.629
8:	0.056	0.129
9:	0.538	0.120
10:	-0.175	-0.146



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577199. 0

TARGET NUMBER: 2

FILE DATE: 07/18/2006

FILE TIME: 16:39

POINT#	X	Y
1:	0.821	0.250
2:	0.571	-0.206
3:	-0.542	-0.509
4:	-0.256	-0.426
5:	-0.496	-0.184
6:	0.117	-0.027
7:	-0.218	0.111
8:	-0.308	0.402
9:	-0.718	0.764
10:	-1.376	0.472

X CENTROID: -0.240

Y CENTROID: 0.065

POA TO CENTROID: 0.249

HORZ SPREAD: 2.197

VERT SPREAD: 1.273

GROUP SPREAD: 2.208

MIN RADIUS: 0.051

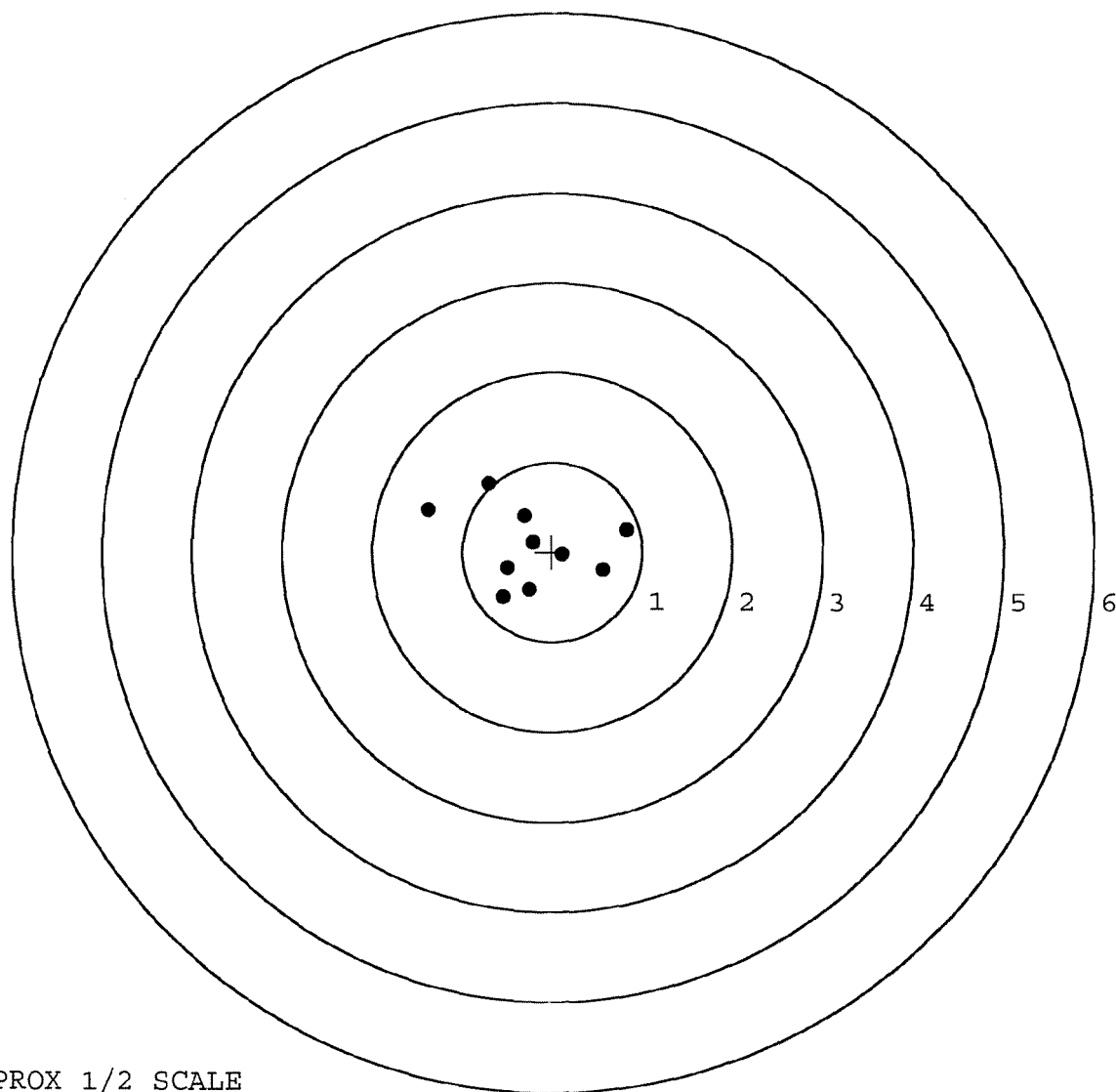
MAX RADIUS: 1.206

MEAN RADIUS: 0.625

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

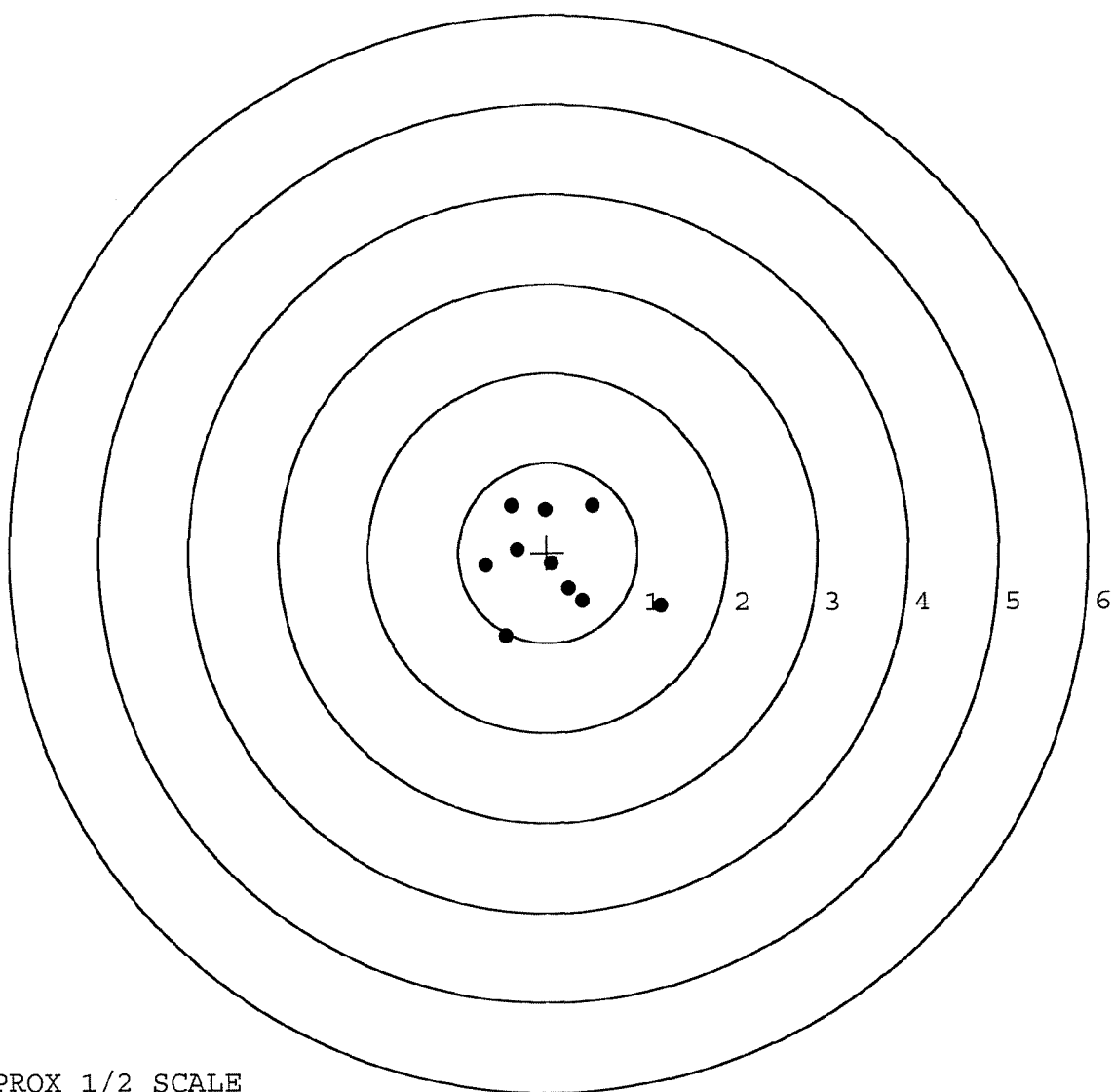


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577199. __0
TARGET NUMBER: 3
FILE DATE: 07/18/2006
FILE TIME: 16:39

X CENTROID: 0.051
Y CENTROID: -0.116
POA TO CENTROID: 0.126
HORZ SPREAD: 1.946
VERT SPREAD: 1.453
GROUP SPREAD: 2.004
MIN RADIUS: 0.007
MAX RADIUS: 1.299
MEAN RADIUS: 0.647
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.506	0.524
2:	-0.032	0.477
3:	-0.403	0.526
4:	-0.690	-0.140
5:	0.047	-0.122
6:	0.240	-0.397
7:	0.387	-0.534
8:	1.256	-0.599
9:	-0.469	-0.927
10:	-0.335	0.034

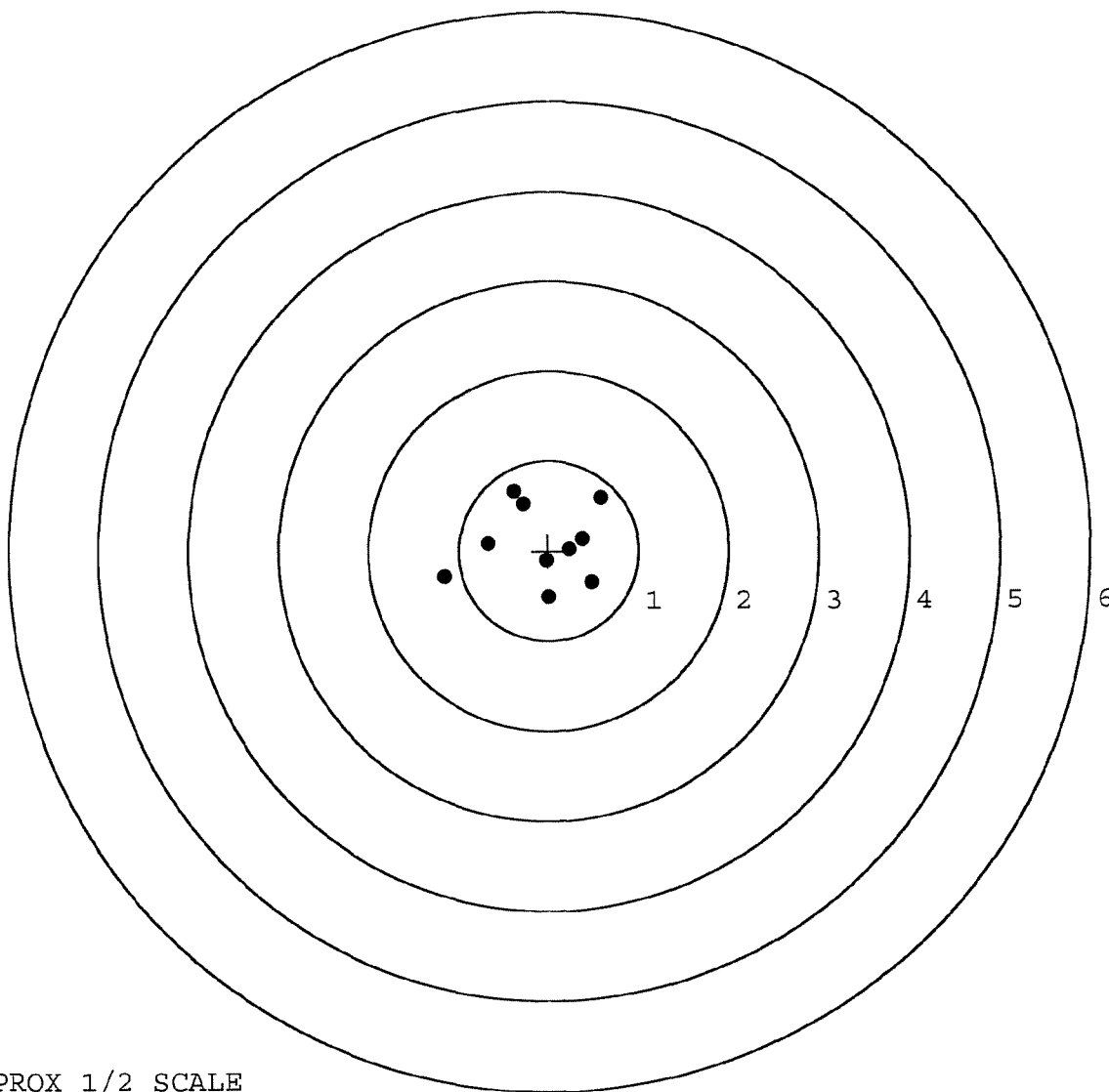


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577199. __0
TARGET NUMBER: 4
FILE DATE: 07/18/2006
FILE TIME: 16:39

X CENTROID: -0.083
Y CENTROID: 0.076
POA TO CENTROID: 0.112
HORZ SPREAD: 1.739
VERT SPREAD: 1.175
GROUP SPREAD: 1.952
MIN RADIUS: 0.192
MAX RADIUS: 1.134
MEAN RADIUS: 0.599
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.380	0.661
2:	-0.280	0.522
3:	-0.667	0.093
4:	-1.155	-0.293
5:	0.584	0.593
6:	0.381	0.137
7:	0.237	0.017
8:	0.482	-0.347
9:	-0.003	-0.514
10:	-0.026	-0.107

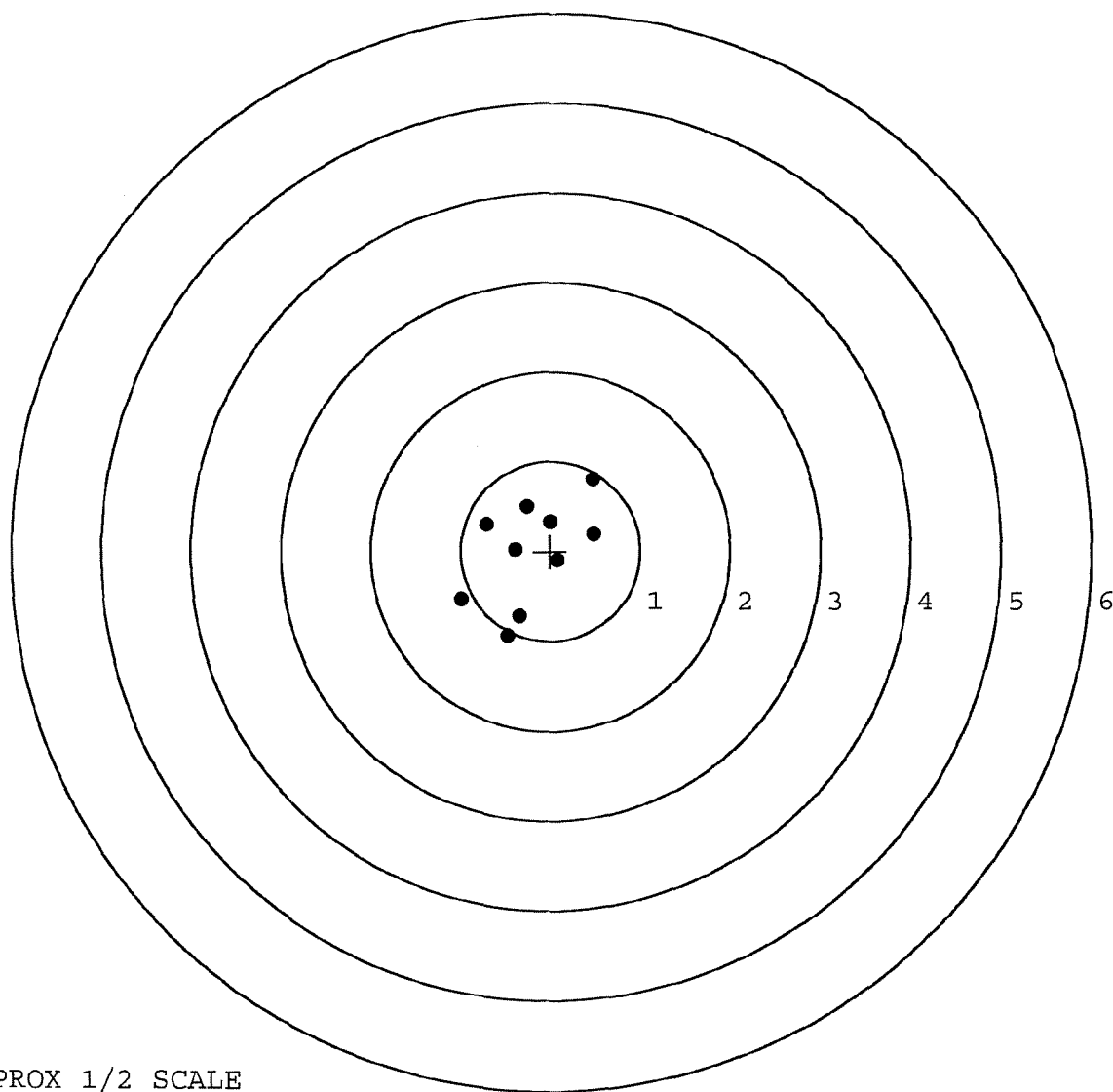


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577199.___0
TARGET NUMBER: 5
FILE DATE: 07/18/2006
FILE TIME: 16:39

X CENTROID: -0.212
Y CENTROID: -0.019
POA TO CENTROID: 0.213
HORZ SPREAD: 1.479
VERT SPREAD: 1.753
GROUP SPREAD: 1.997
MIN RADIUS: 0.178
MAX RADIUS: 1.075
MEAN RADIUS: 0.644
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.478	0.806
2:	0.484	0.188
3:	0.086	-0.101
4:	0.005	0.328
5:	-0.265	0.498
6:	-0.387	0.014
7:	-0.714	0.297
8:	-0.995	-0.543
9:	-0.473	-0.947
10:	-0.338	-0.729



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	113213		66577199 (New)	
SERIAL NUMBER	E6703539			
LOG-IN DATE	6-5-06			
OPERATION #	OPERATION NAME	DATE	INITIAL	
500	DIS-ASSEMBLE GUN	6-26-06	RTZ	
505	RE-BARREL	7-5-06	RLC	
560	ASSEMBLE	7-5-06	RLC	
600	PROOF	7-5-06	mjm	
605	CHECK HEADSPACE	7-5-06	mjm	
610	DIS-ASSEMBLE GUN	7-6-06	RLC	
612	MAGNAFLUX	7-6-06	mjm	
510	DRILL AND TAP	7-6-06	TRC	
615	ROLLMARK CALIBER	7-7-06	CLD	
618	ROTO-BLAST	7-7-06	UB	
620	APPLY COATINGS	7-7-06	HP	
625	FINAL ASSEMBLY	7-11-06	RTZ	
640	FUNCTION TEST AND	7-18-06	P.P.D.	
650	TARGET	7-18-06	P.P.D.	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION	7-27-06	K	
	A) HEADSPACE	7-27-06	K	
	B) TRIGGER PULL	7-19-06	N/A	
	F) SAFETY ON FORCE	7-19-06	N/A	
	G) SAFETY OFF FORCE	7-19-06	N/A	
	I) FIRING PIN INDENT	7-19-06	N/A	
690	PACK	8-1-06	N/A	

VERY IMPORTANT! INSTRUCTION BOOK ENCLOSED TO ASSURE SAFE USE OF THIS RIFLE.

Remington®

MODEL 700™ M24
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

Made in Union, NY Reg. U.S. Pat. & tm. Off. Marca Registrada Marque Deposee.

SERIAL NO. **E6703539**

ORDER NO. **25716**

46

21WV

5716 E6703539

ORDER 25716
MODEL 700™ M24

UPC



ORDER 25716
MODEL 700™ M24

UPC



SERIAL NO.

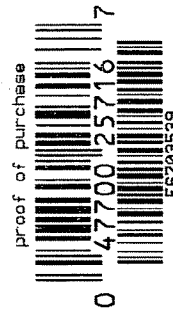


MODEL 700™ M24
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

DOCUMENT ENVELOPE ASSEMBLY:

- INSTRUCTION BOOK
- PRODUCT OWNER'S CARD
- SAFETY BOOKLET

46 FORM 1444

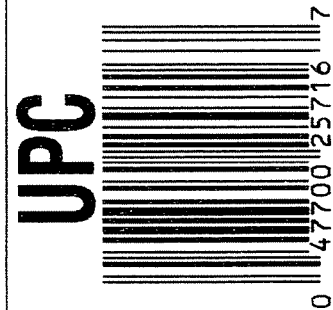


ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

E6703539



ISRAELI GUNS

CONTRACT # DAAE20-97-C-0182

GUN SERIAL # E6703539

OP. #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		4-17-01	CK
600	PROOF		4-17-01	C/C
607	CHECK HEADSPACE		4-17-01	C/C
610	DIS-ASSEMBLE GUN		4-17-01	CK
612	MAGNAFLUX BARREL ACTION		4-18-01	AC
	MAGNAFLUX BOLT		4-18-01	AC
615	ROLLMARK CALIBER		4-19-01	RTL
617	DRILL AND TAP SIGHT HOLES		4-19-01	BT
618	POLISH BARREL		4-19-01	GD
620	APPLY COATINGS (BARREL ACTION)		4-19-01	TA
	(BOLT)		4-19-01	TA
625	FINAL ASSEMBLY A) CLEAN INSIDE OF BOLT ASSEMBLY		4-19-01	RTL
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		4-19-01	RTL
	C) INSPECT EJECTOR HOLE FOR CHAMFER		4-19-01	RTL
	D) OIL FIRING PIN ASSEMBLY		4-19-01	RTL
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE		4-19-01	RTL

OP. #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE	<u>8.25</u> <u>1.50</u> <u>2.25</u>	4/20/01	RH
CONT.	G) SAFETY OFF FORCE	<u>2.25</u> <u>3.0</u> <u>2.25</u>	4/20/01	RH
	H) TRIGGER PULL TEST AND RETAINABILITY		4/20/01	CH
	I) FIRING PIN INDENT	<u>.024</u> <u>.021</u> <u>.021</u>	4/20	RH
	J) ASSEMBLE STOCK		4/17-01	CK
	K) ASSEMBLE SWIVEL STUDS		8/14/01	CH
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		8/14/01	RH
	M) IRON SIGHT ALIGNMENT		8/14/01	RH
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		8/14/01	RH
640	GALLERY TEST AND TARGET		4/19/01	RH
	A) MALFUNCTIONS		4/19/01	RH
	B) PIERCED PRIMERS		4/19/01	RH
645	INSPECT FOR LIVE AMMO		4/19/01	RH
655	FINAL INSPECTION A) HEADSPACE		8/14/01	RH
	B) TRIGGER PULL	<u>2.18</u> <u>2.17</u> <u>2.19</u> <u>2.17</u> <u>2.31</u>	4/20/01	RH
	C) FUNCTION		4/20/01	RH
660	PACK			

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. E6703539

DATE 4/17/01

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.19		2.20	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.13		2.26	
PULL #3	2.40	2.28		2.30	
PULL #4	2.42	2.19		2.29	
PULL #5	2.35	2.20		2.26	
TOTAL	12.05	10.99		11.31	
AVG.	2.41	2.19		2.26	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.04	3.03		
PULL #2	3.04	3.03		
PULL #3	3.05	3.01		
PULL #4	2.99	3.00		
PULL #5	3.01	3.04		
TOTAL	15.13	15.11		
AVG.	3.02	3.02		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.18		4.15
PULL #2	4.18	4.09		4.19
PULL #3	4.20	4.10		4.17
PULL #4	4.15	4.02		4.27
PULL #5	4.21	4.14		4.16
TOTAL	20.93	20.53		20.94
AVG.	4.18	4.10		4.18

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6703539

19 Apr 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1564

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.069

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .170944

THE AMR FOR THIS RIFLE IS: 1.133

CENTROIDAL DISTANCES

0 TO	1	.364238
1 TO	2	.178676
1 TO	3	.344362
1 TO	4	.141113
1 TO	5	.524615

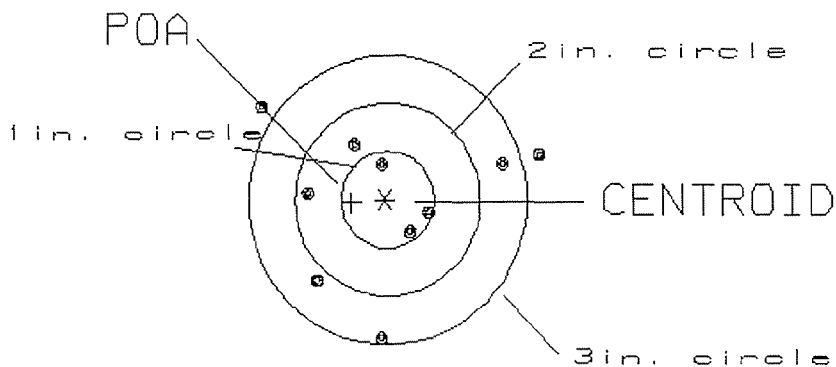
5⁺₃ 2¹ <----POA

PATTERN #: 1
 POA TO CENTROID: .364
 MIN RADIUS : .399
 MEAN RADIUS : 1.002
 MAX RADIUS : 1.694
 CENTROID X : .363
 CENTROID Y : .030

19 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6703539

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.02

2

US= 2.36

5

GS= 3.06

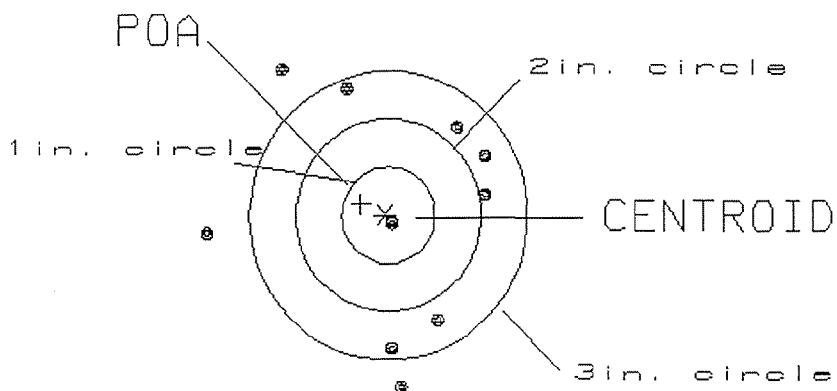
8

PATTERN #: 2
 POA TO CENTROID: .285
 MIN RADIUS : .143
 MEAN RADIUS : 1.317
 MAX RADIUS : 1.964
 CENTROID X : .260
 CENTROID Y : -.116

19 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6703539

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.00

1

VS= 3.34

1

GS= 3.56

7

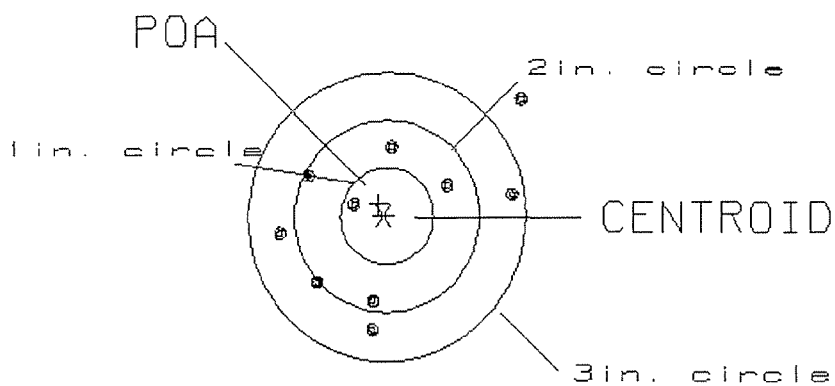
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .134
 MIN RADIUS : .329
 MEAN RADIUS : 1.022
 MAX RADIUS : 1.844
 CENTROID X : .054
 CENTROID Y : -.122

19 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6703539

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.58

1

VS= 2.36

5

GS= 2.90

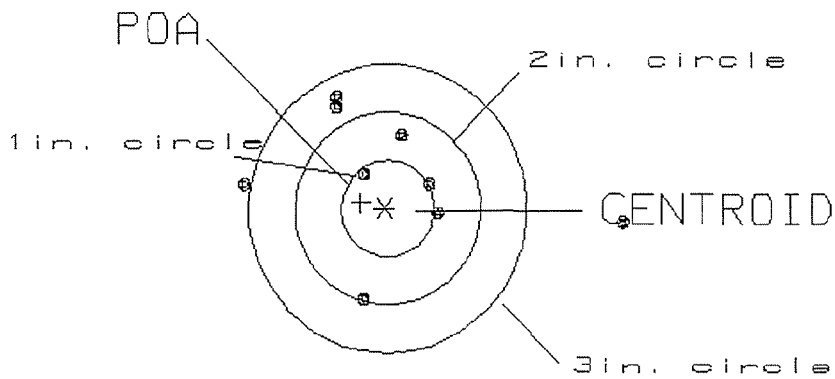
9

PATTERN #: 4
 POA TO CENTROID: .263
 MIN RADIUS : .456
 MEAN RADIUS : 1.251
 MAX RADIUS : 2.705
 CENTROID X : .256
 CENTROID Y : -.062

19 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6783539

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 4.05
 VS= 3.88
 GS= 4.07

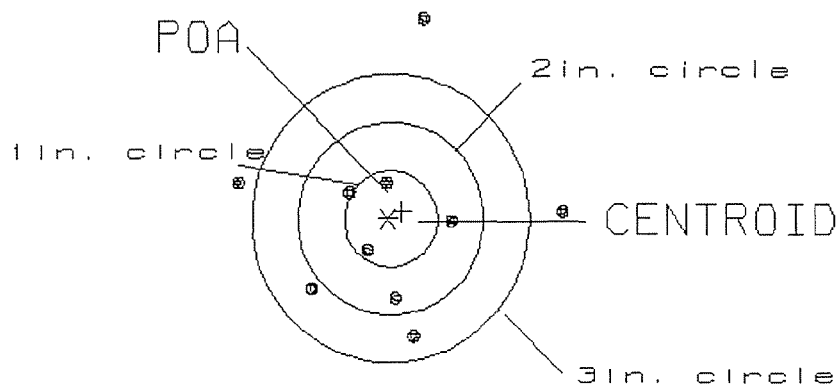
2
 5
 7

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .169
 MIN RADIUS : .386
 MEAN RADIUS : 1.073
 MAX RADIUS : 2.101
 CENTROID X : -.151
 CENTROID Y : -.075

19 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6703539

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.46

2

VS= 3.31

5

GS= 3.47

7