

G 657 72 20
Rephased
E 670 3503

Arms 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: **RE00113217**

Serial: E6703503 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 08/21/2001

Repairman:

Status: Closed 6/5/2006 1:21:08 PM

Verify Repair

Address Information

Customer: Received From Return To: Received From
Name: NATIONAL GUARD MARKSMANSHIP TNG UNIT NATIONAL GUARD MARKSMANSHIP TNG UNIT
Address 1: BLDG 4900 CAMP J T ROBINSON BLDG 4900 CAMP J T ROBINSON
Address 2: ATTN TSGT SEAN WALLACE PO Box: ATTN TSGT SEAN WALLACE PO Box:
City: NORTH LITTLE ROCK NORTH LITTLE ROCK
State: AR Zip Code: 72199 Country: US State: AR Zip Code: 72199 Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NA

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

6/6/2006

7:38 AM

CAPS

NUM

INS

SCRL



Arms Services Repair ...

Part Search by Materi...

2 Microsoft Office O...



7:38 AM

G 6577220

E6703503

Model: M24 SWS



RE00113217

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577220.___0
FILE DATE AND TIME: 07/24/2006 07:43

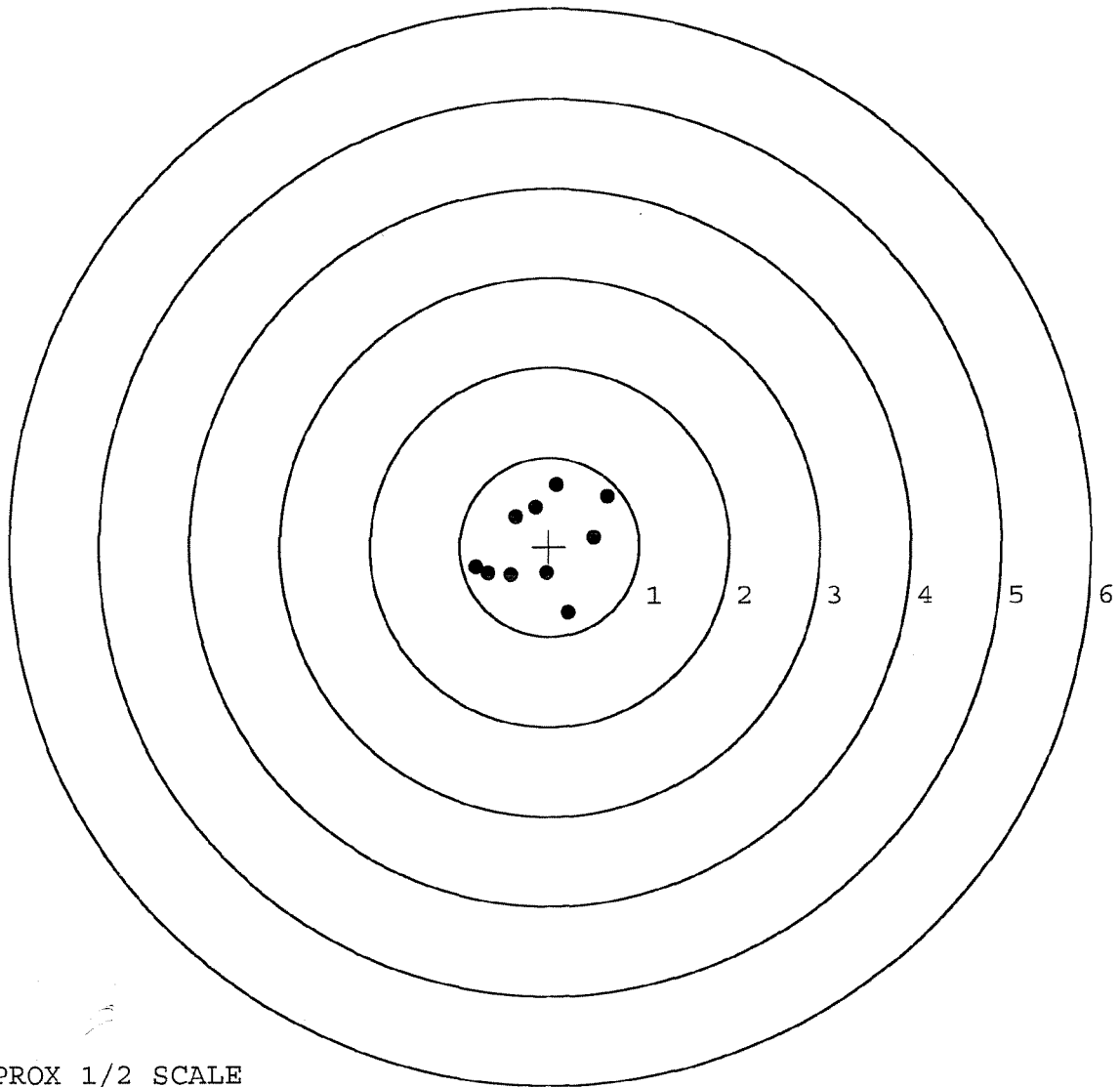
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.021
The Average Y Centroid of the Five Target Set:	0.047
The Average Point of Impact of the Five Target Set:	0.051
The Average Mean Radius of the Five Target Set:	0.621
The Distance from POA to Centroid Target #1:	0.110
The Distance from Centroid Target #2 to Centroid Target #1:	0.126
The Distance from Centroid Target #3 to Centroid Target #1:	0.149
The Distance from Centroid Target #4 to Centroid Target #1:	0.298
The Distance from Centroid Target #5 to Centroid Target #1:	0.150

SERIAL NUMBER: G6577220. __0
TARGET NUMBER: 1
FILE DATE: 07/24/2006
FILE TIME: 07:43

X CENTROID: -0.107
Y CENTROID: 0.025
POA TO CENTROID: 0.110
HORZ SPREAD: 1.465
VERT SPREAD: 1.423
GROUP SPREAD: 1.665
MIN RADIUS: 0.334
MAX RADIUS: 0.923
MEAN RADIUS: 0.610
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.379	0.335
2:	-0.154	0.445
3:	0.084	0.687
4:	0.645	0.560
5:	0.492	0.107
6:	0.209	-0.736
7:	-0.027	-0.300
8:	-0.432	-0.320
9:	-0.685	-0.298
10:	-0.820	-0.232

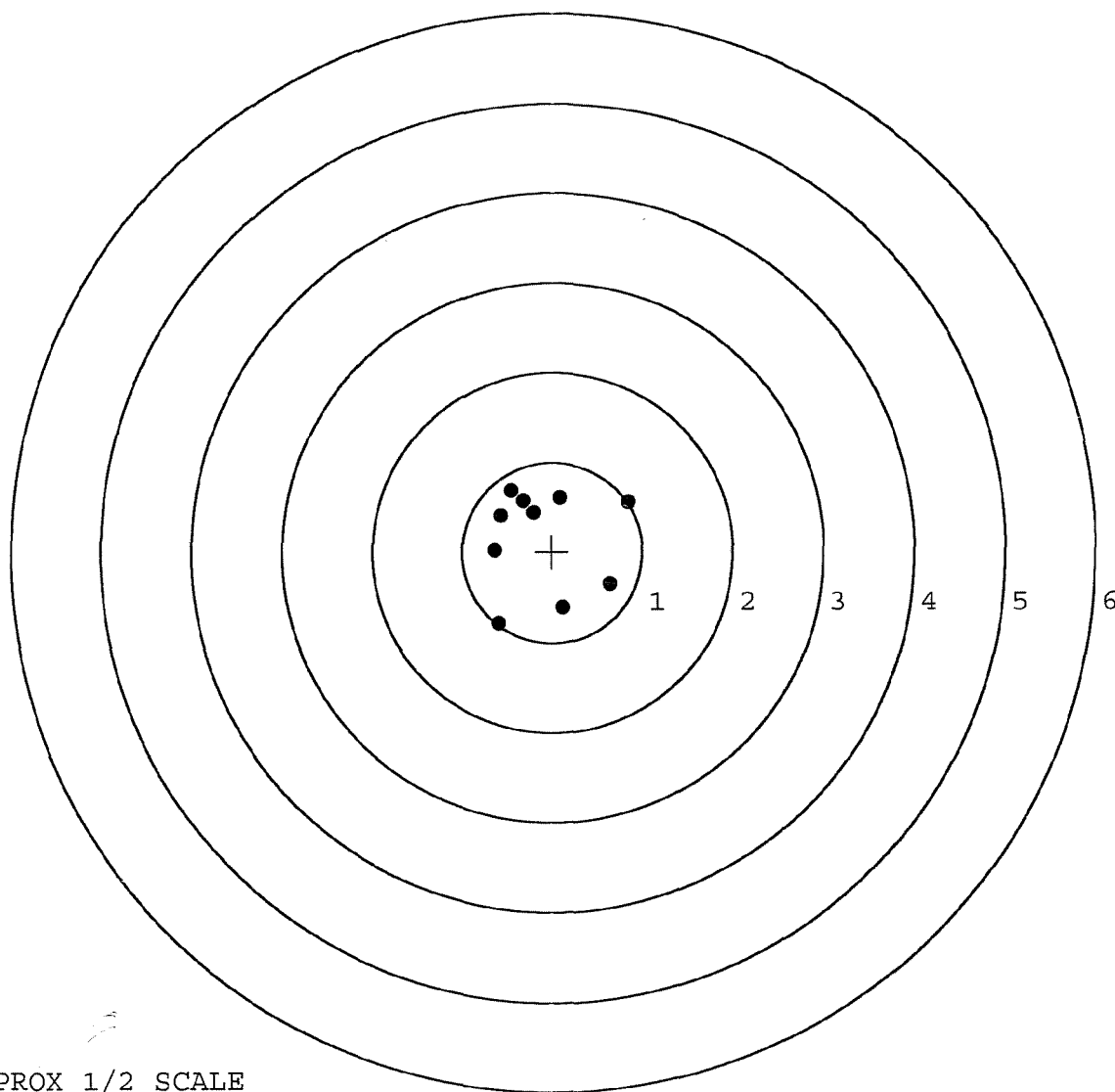


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577220. __0
TARGET NUMBER: 2
FILE DATE: 07/24/2006
FILE TIME: 07:43

X CENTROID: -0.110
Y CENTROID: 0.151
POA TO CENTROID: 0.186
HORZ SPREAD: 1.481
VERT SPREAD: 1.478
GROUP SPREAD: 1.976
MIN RADIUS: 0.302
MAX RADIUS: 1.062
MEAN RADIUS: 0.680
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.597	-0.793
2:	0.124	-0.618
3:	0.646	-0.357
4:	0.845	0.558
5:	0.093	0.604
6:	-0.212	0.435
7:	-0.459	0.685
8:	-0.579	0.401
9:	-0.636	0.018
10:	-0.320	0.572

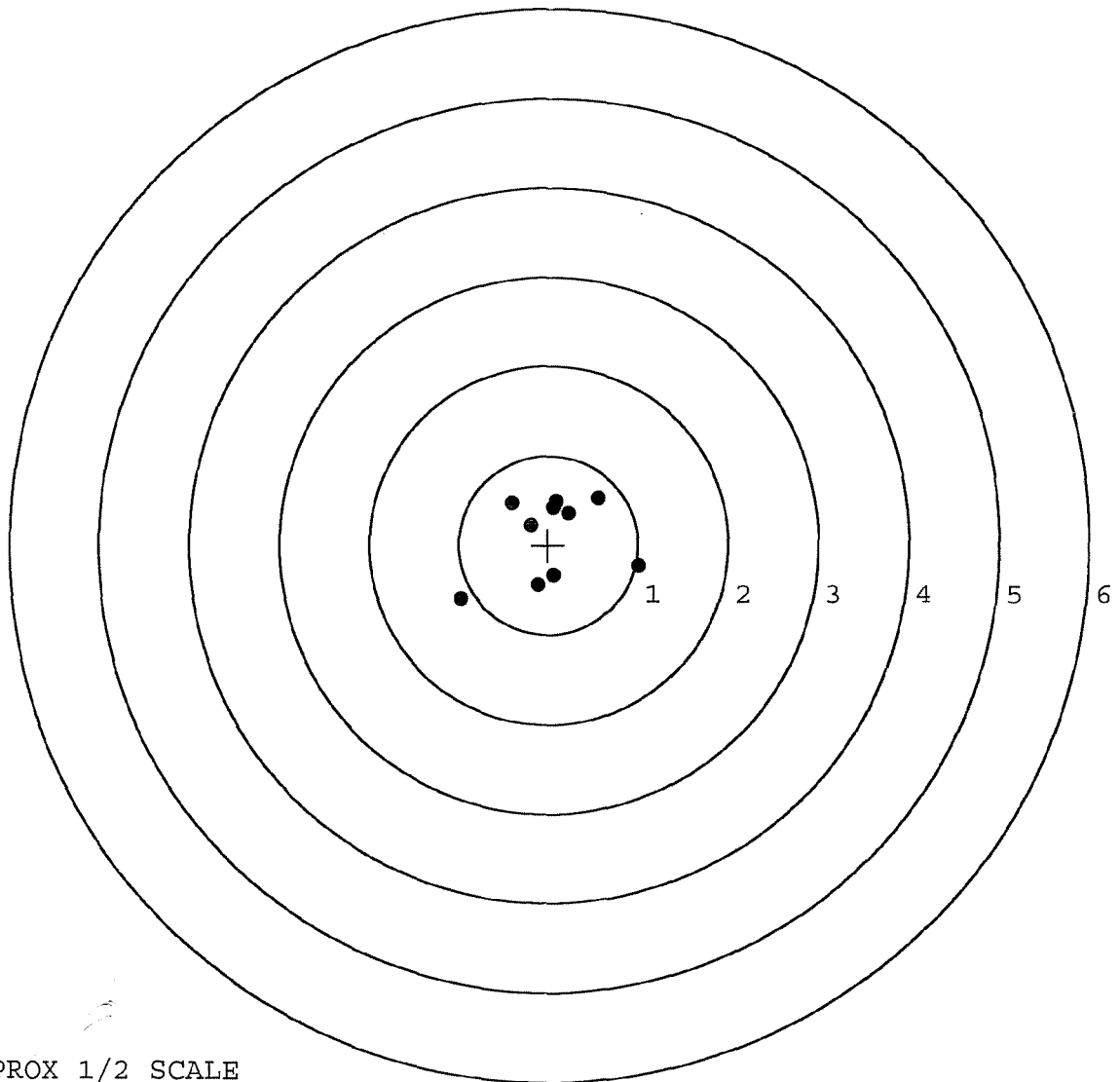


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577220. __0
TARGET NUMBER: 3
FILE DATE: 07/24/2006
FILE TIME: 07:43

POINT#	X	Y
1:	-0.411	0.473
2:	-0.197	0.216
3:	0.092	0.489
4:	0.226	0.358
5:	0.558	0.526
6:	1.011	-0.238
7:	-0.118	-0.459
8:	-0.976	-0.620
9:	0.059	0.426
10:	0.065	-0.344

X CENTROID: 0.031
Y CENTROID: 0.083
POA TO CENTROID: 0.088
HORZ SPREAD: 1.987
VERT SPREAD: 1.146
GROUP SPREAD: 2.023
MIN RADIUS: 0.264
MAX RADIUS: 1.228
MEAN RADIUS: 0.588
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

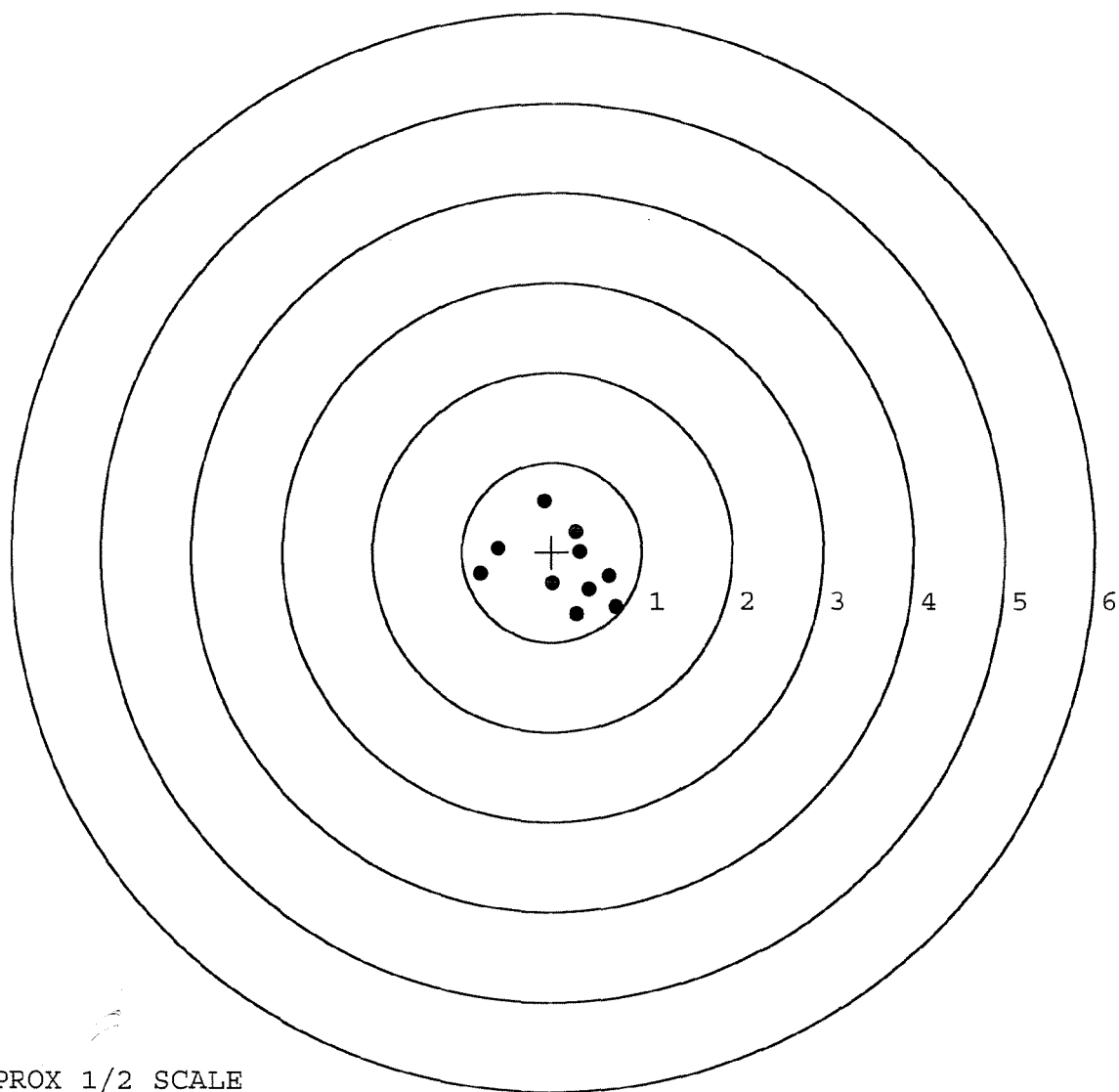


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577220. __0
TARGET NUMBER: 4
FILE DATE: 07/24/2006
FILE TIME: 07:43

POINT#	X	Y
1:	-0.091	0.568
2:	0.263	0.224
3:	-0.598	0.038
4:	-0.796	-0.248
5:	0.314	0.005
6:	0.012	-0.350
7:	0.634	-0.271
8:	0.713	-0.613
9:	0.277	-0.697
10:	0.407	-0.422

X CENTROID: 0.113
Y CENTROID: -0.177
POA TO CENTROID: 0.210
HORZ SPREAD: 1.509
VERT SPREAD: 1.265
GROUP SPREAD: 1.553
MIN RADIUS: 0.201
MAX RADIUS: 0.912
MEAN RADIUS: 0.553
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

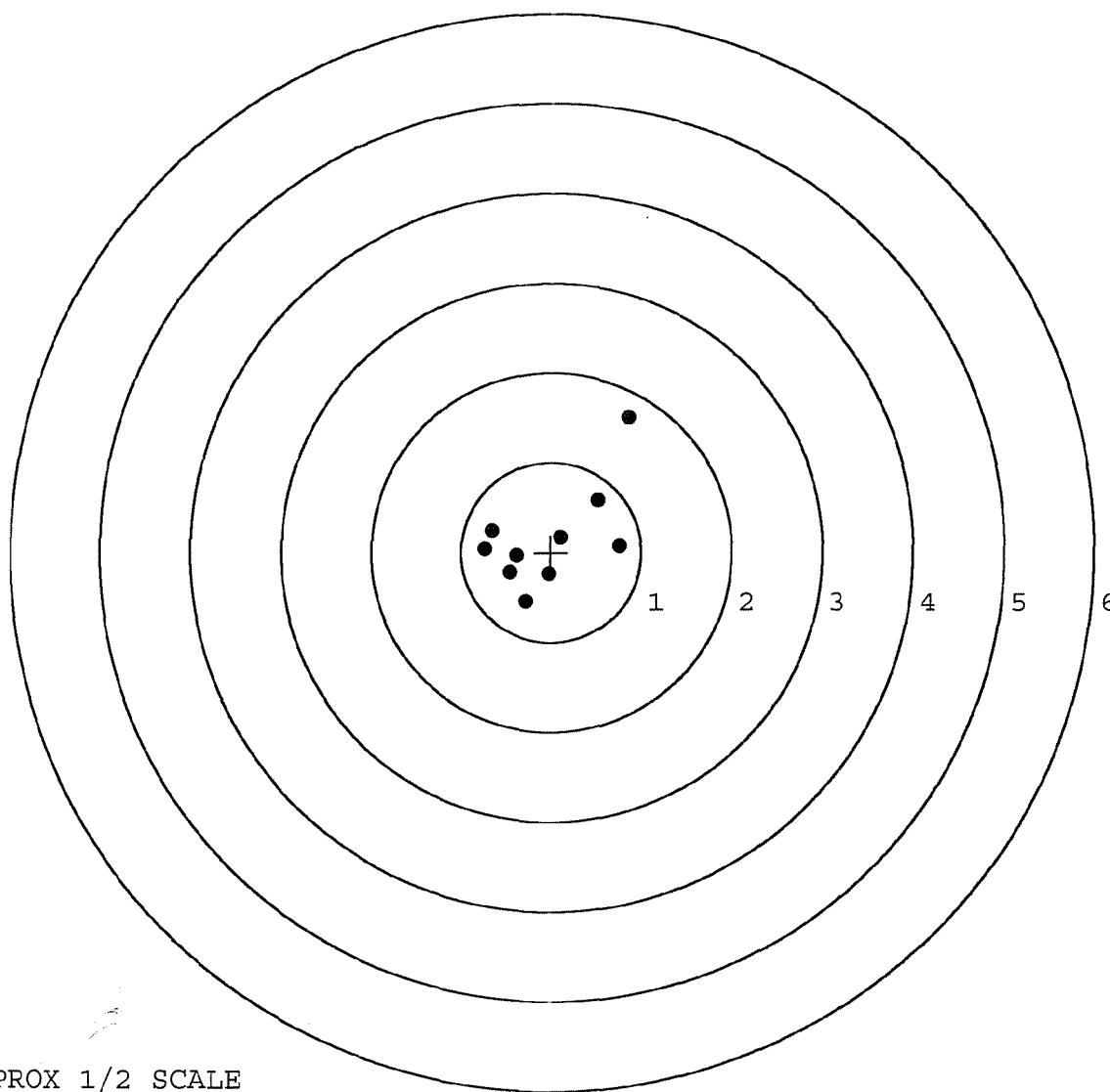


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577220. __0
TARGET NUMBER: 5
FILE DATE: 07/24/2006
FILE TIME: 07:43

POINT#	X	Y
1:	0.855	1.503
2:	0.518	0.577
3:	0.765	0.078
4:	0.105	0.172
5:	-0.022	-0.240
6:	-0.283	-0.550
7:	-0.460	-0.229
8:	-0.386	-0.045
9:	-0.738	0.036
10:	-0.664	0.238

X CENTROID: -0.031
Y CENTROID: 0.154
POA TO CENTROID: 0.157
HORZ SPREAD: 1.593
VERT SPREAD: 2.053
GROUP SPREAD: 2.347
MIN RADIUS: 0.137
MAX RADIUS: 1.614
MEAN RADIUS: 0.672
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	113217	National Guard		
SERIAL NUMBER	EL703603	G 6577220		
LOG-IN DATE	6-5-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		6-26-06	AC
505	RE-BARREL		6-26-06	AC
560	ASSEMBLE		6-30-06	AC
600	PROOF	MAGNA-FLUX INSPECTED	7-5-06	WTH
605	CHECK HEADSPACE	JUL 06 2006	7-5-06	WTH
610	DIS-ASSEMBLE GUN		7-5-06	AC
612	MAGNAFLUX	OPERATOR <i>WTH</i>	7/6/06	WTH
510	DRILL AND TAP		7-6-06	TRW
615	ROLLMARK CALIBER		7-7-06	CW
618	ROTO-BLAST		7-7-06	LB
620	APPLY COATINGS		7/7	HP
625	FINAL ASSEMBLY		7-21-06	SPD
640	FUNCTION TEST AND	PASS FAIL	7-24-06	WTH
650	TARGET	PASS FAIL	7-24-06	WTH
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	7-24-06	TRW
670	FINAL INSPECTION		8-1-06	RZ
	A) HEADSPACE	PASS FAIL	8-1-06	RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	231 2.33 2.21 2.19 2.30	8-1-06 DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	6.0 6.2 6.5 8-1-06	DA
	G) SAFETY OFF FORCE	2 LBS MIN	3.2 3.2 3.5 8-1-06	DA
	I) FIRING PIN INDENT	.020	.020 .020 .020 8-1-06	DA
690	PACK		8-7-06	DA

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

Remington®

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

Made in Illinois, NY Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

SERIAL NO. J E6703503	ORDER NO. 25716	46	21WV
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 5716 E6703503

ORDER 25716

MODEL 700™ M24

UPC



ORDER 25716

MODEL 700™ M24

UPC



SERIAL NO.

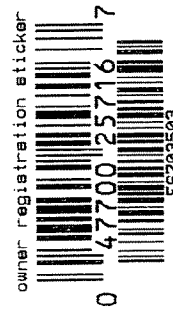


MODEL 700™ M24
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

DOCUMENT ENVELOPE ASSEMBLY:

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

46 FORM 1444

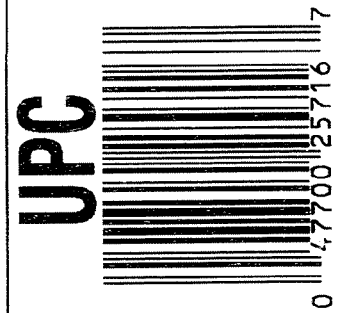


ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

E6703503



ISRAELI GUNS

CONTRACT # DAAE20-97-C-0182

GUN SERIAL # E6703503

OP. #	OPERATION NAME	READINGS	DATE	INITIA
575 & 580	ASSEMBLE ACTION AND STOCK		4-16-01	C/K
600	PROOF		4-16-01	CK
607	CHECK HEADSPACE		4-16-01	CK
610	DIS-ASSEMBLE GUN		4-16-01	CK
612	MAGNAFLUX BARREL ACTION		4-16-01	AC
	MAGNAFLUX BOLT		4-16-01	AC
615	ROLLMARK CALIBER		4-17-01	CK
617	DRILL AND TAP SIGHT HOLES		4-17-01	CK
618	POLISH BARREL		4-18-01	CK
620	APPLY COATINGS (BARREL ACTION)		4-18-01	TH
	(BOLT)		4-18-01	TH
625	FINAL ASSEMBLY A) CLEAN INSIDE OF BOLT ASSEMBLY		4-11-01	CK
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		4-12-01	CK
	C) INSPECT EJECTOR HOLE FOR CHAMFER		4-12-01	CK
	D) OIL FIRING PIN ASSEMBLY		4-12-01	CK
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE		4-18-01	CK

OP. #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE	<u>6.25</u> <u>5.25</u> <u>5.25</u>	4/23/01	RH
CONT.	G) SAFETY OFF FORCE	<u>3.25</u> <u>3.50</u> <u>3.50</u>	4/23/01	RH
	H) TRIGGER PULL TEST AND RETAINABILITY		4/23/01	RH
	I) FIRING PIN INDENT	<u>.022</u> <u>.028</u> <u>.026</u>	4/23/01	RH
	J) ASSEMBLE STOCK		4-16	C/C
	K) ASSEMBLE SWIVEL STUDS		8/14/01	RH
	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		8/17/01	RW
	A) MALFUNCTIONS		8/17/01	RW
	B) PIERCED PRIMERS		8/17/01	RW
645	INSPECT FOR LIVE AMMO		8/17/01	RW
655	FINAL INSPECTION A) HEADSPACE		8/15/01	RH
	B) TRIGGER PULL	<u>2.43</u> <u>2.43</u> <u>2.41</u> <u>2.37</u> <u>2.35</u>	4/23/01	RH
	C) FUNCTION		8/15/01	RH
660	PACK		8/16/01	DA

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. E6703503

DATE 4/16/01

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.55	2.45	2.39	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.55	2.45	2.36	
PULL #3	2.34	2.52	2.42	
PULL #4	2.54	2.57	2.42	
PULL #5	2.63	2.49	2.42	
TOTAL	12.61	12.48	12.01	
AVG.	2.52	2.49	2.40	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.18	3.11	
PULL #2	3.05	3.03	
PULL #3	3.31	3.05	
PULL #4	3.08	3.05	
PULL #5	3.19	3.03	
TOTAL	15.81	15.27	
AVG.	3.16	3.05	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.06	4.19		4.04
PULL #2	4.10	4.00		4.05
PULL #3	4.10	4.00		4.04
PULL #4	4.14	4.00		3.98
PULL #5	4.19	3.95		4.00
TOTAL	20.59	20.14		20.11
AVG.	4.11	4.02		4.02

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6703503
17 Apr 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.03
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.048
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0566039

THE AMR FOR THIS RIFLE IS: .8316

CENTROIDAL DISTANCES

Ø TO	1	.336893
1 TO	2	.584247
1 TO	3	.648497
1 TO	4	.117614
1 TO	5	.394138

3 2
+ <----POA
5 4₁

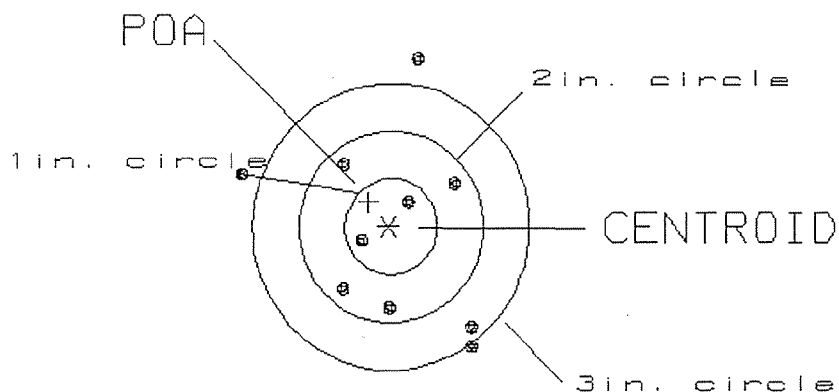
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .337
 MIN RADIUS : .312
 MEAN RADIUS : 1.040
 MAX RADIUS : 1.804
 CENTROID X : .219
 CENTROID Y : -.256

17 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6703503

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.57

2

VS= 3.01

6

GS= 3.12

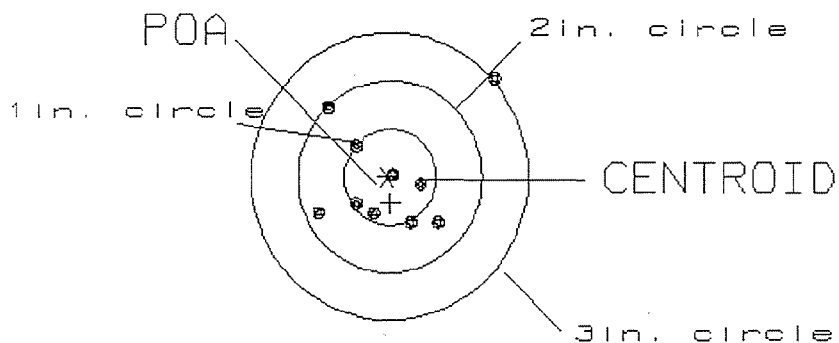
7

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .275
 MIN RADIUS : .025
 MEAN RADIUS : .639
 MAX RADIUS : 1.576
 CENTROID X : -.029
 CENTROID Y : .273

17 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6703503

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 1.94

5

VS= 1.55

9

GS= 2.44

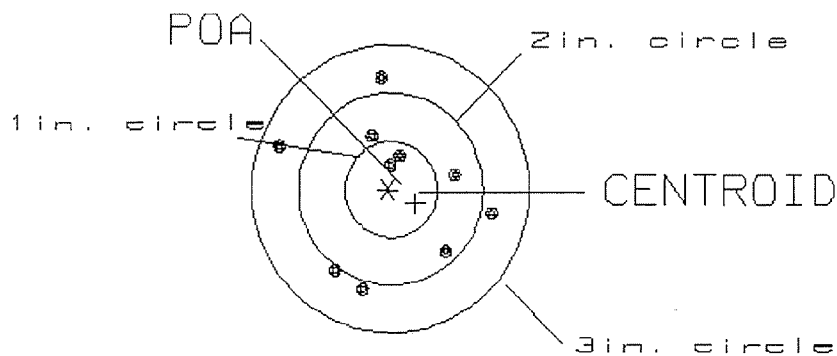
9

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .326
 MIN RADIUS : .268
 MEAN RADIUS : .836
 MAX RADIUS : 1.240
 CENTROID X : -.293
 CENTROID Y : .142

17 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6703503

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.24

2

VS= 2.18

5

GS= 2.33

10

PATTERN #: E 4 E

POA TO CENTROID: .223

MIN RADIUS : .028

MEAN RADIUS : .605

MAX RADIUS : 1.130

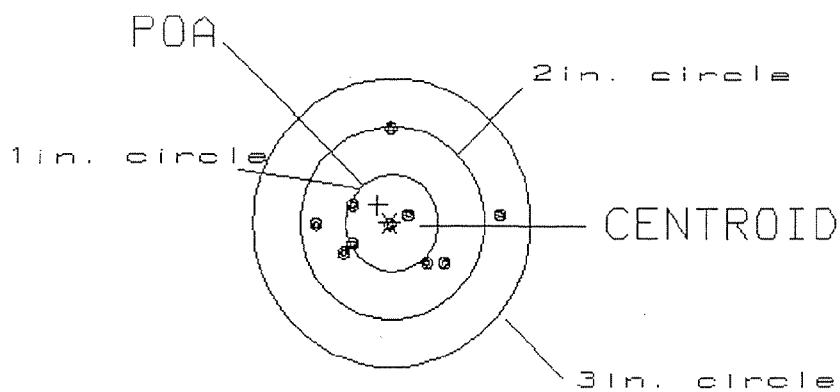
CENTROID X : .126

CENTROID Y : -.184

17 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6703503

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.93

3

VS= 1.45

9

GS= 1.93

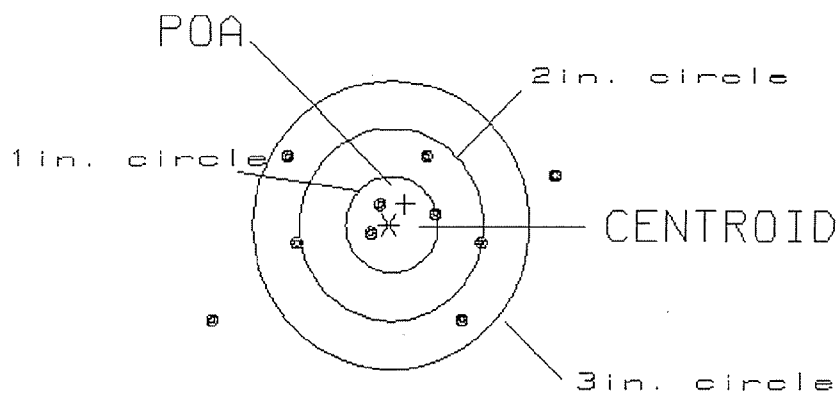
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PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .276
 MIN RADIUS : .205
 MEAN RADIUS : 1.038
 MAX RADIUS : 2.192
 CENTROID X : -.173
 CENTROID Y : -.215

17 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6703503

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.68

3

VS= 1.77

4

GS= 4.00

8