

E 637 4527 NEW
C 622 5099 000

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools ESR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00052470** Serial: E6374527 Model: 700 Center Fire Caliber: 7.62 NATO M:24 (SWS) Repairman: Status: Closed 9/19/02 11:47:43 AM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: **COMMANDER** **COMMANDER**

Address 1: **ATTN PBO TORII STATION** **ATTN PBO TORII STATION**

Address 2: **1ST BN 1ST SFG (A)** **1ST BN 1ST SFG (A)** PO Box:

City: **OKINAWA** **OKINAWA**

State: **AP** Zip Code: **96376** Country: **JA** State: **AP** Zip Code: **96376** Country: **JA**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: **Poor**

Notes: **REC'D IN SAME HARD CASE W/ SER# E6374556 & SER# R374606**

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A010	Hard Case W/ OTHE	1
X	FRT & REAR SGT BA	1

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

9/18/02 12:43 PM CAPS NUM INS SCRL

Start

Serial Number: **E6374527**

Model: **700**



RE00052470

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6374527.__0
FILE DATE AND TIME: 10/15/2002 13:54

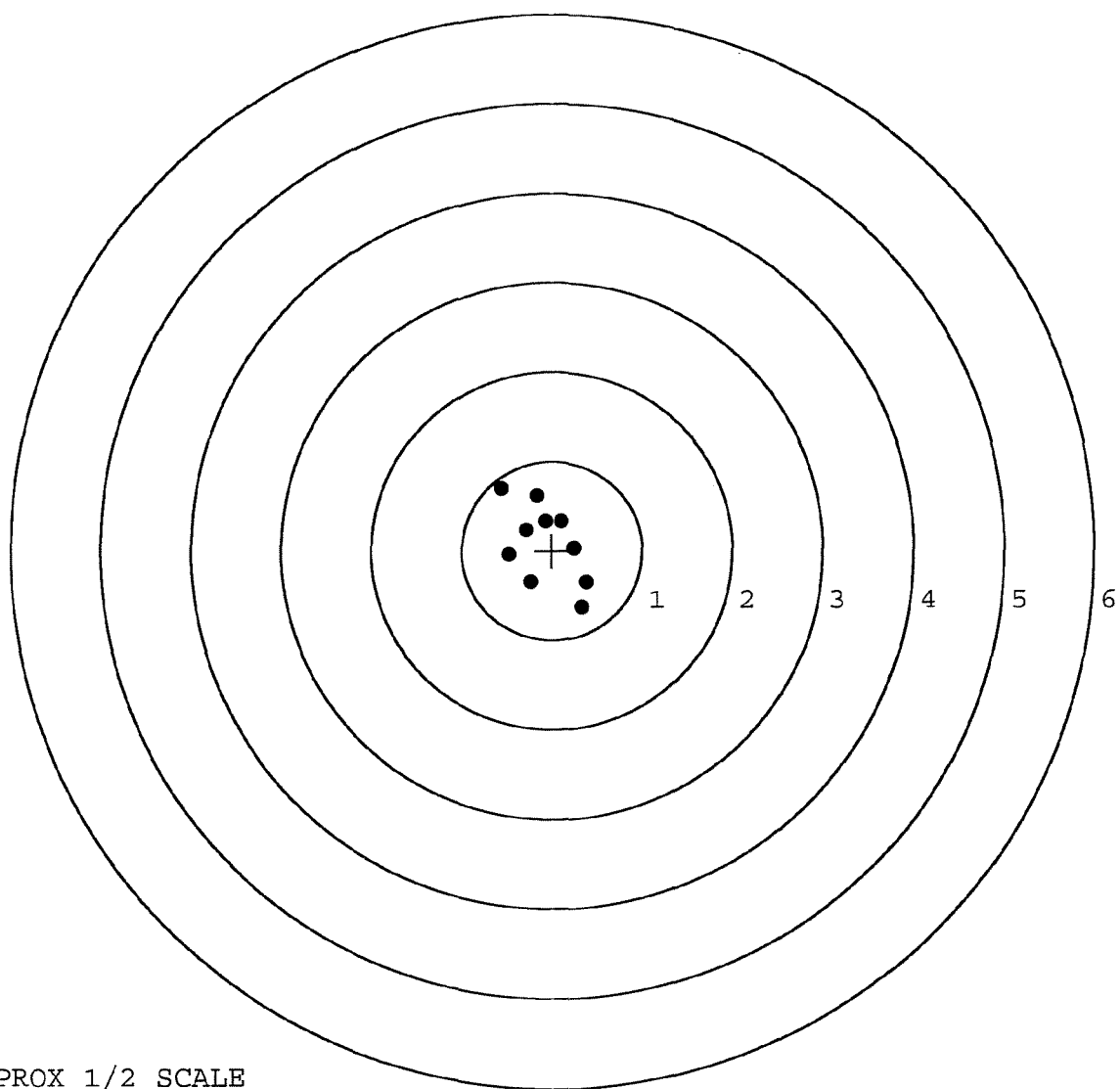
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.018
The Average Y Centroid of the Five Target Set:	-0.082
The Average Point of Impact of the Five Target Set:	0.084
The Average Mean Radius of the Five Target Set:	0.436
The Distance from POA to Centroid Target #1:	0.111
The Distance from Centroid Target #2 to Centroid Target #1:	0.204
The Distance from Centroid Target #3 to Centroid Target #1:	0.271
The Distance from Centroid Target #4 to Centroid Target #1:	0.232
The Distance from Centroid Target #5 to Centroid Target #1:	0.178

SERIAL NUMBER: E6374527.___0
TARGET NUMBER: 1
FILE DATE: 10/15/2002
FILE TIME: 13:54

POINT#	X	Y
1:	0.327	-0.638
2:	0.384	-0.360
3:	0.251	0.021
4:	0.103	0.331
5:	-0.173	0.616
6:	-0.564	0.694
7:	-0.287	0.231
8:	-0.474	-0.048
9:	-0.239	-0.354
10:	-0.075	0.333

X CENTROID: -0.075
Y CENTROID: 0.083
POA TO CENTROID: 0.111
HORZ SPREAD: 0.948
VERT SPREAD: 1.332
GROUP SPREAD: 1.603
MIN RADIUS: 0.250
MAX RADIUS: 0.825
MEAN RADIUS: 0.482
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6374527. __0

TARGET NUMBER: 2

FILE DATE: 10/15/2002

FILE TIME: 13:54

POINT#	X	Y
1:	-0.211	-0.753
2:	-0.633	-0.383
3:	-0.351	-0.113
4:	-0.247	0.551
5:	0.291	0.266
6:	0.465	0.042
7:	0.240	0.014
8:	0.282	-0.235
9:	0.040	-0.375
10:	0.315	0.001

X CENTROID: 0.019

Y CENTROID: -0.098

POA TO CENTROID: 0.100

HORZ SPREAD: 1.098

VERT SPREAD: 1.304

GROUP SPREAD: 1.177

MIN RADIUS: 0.248

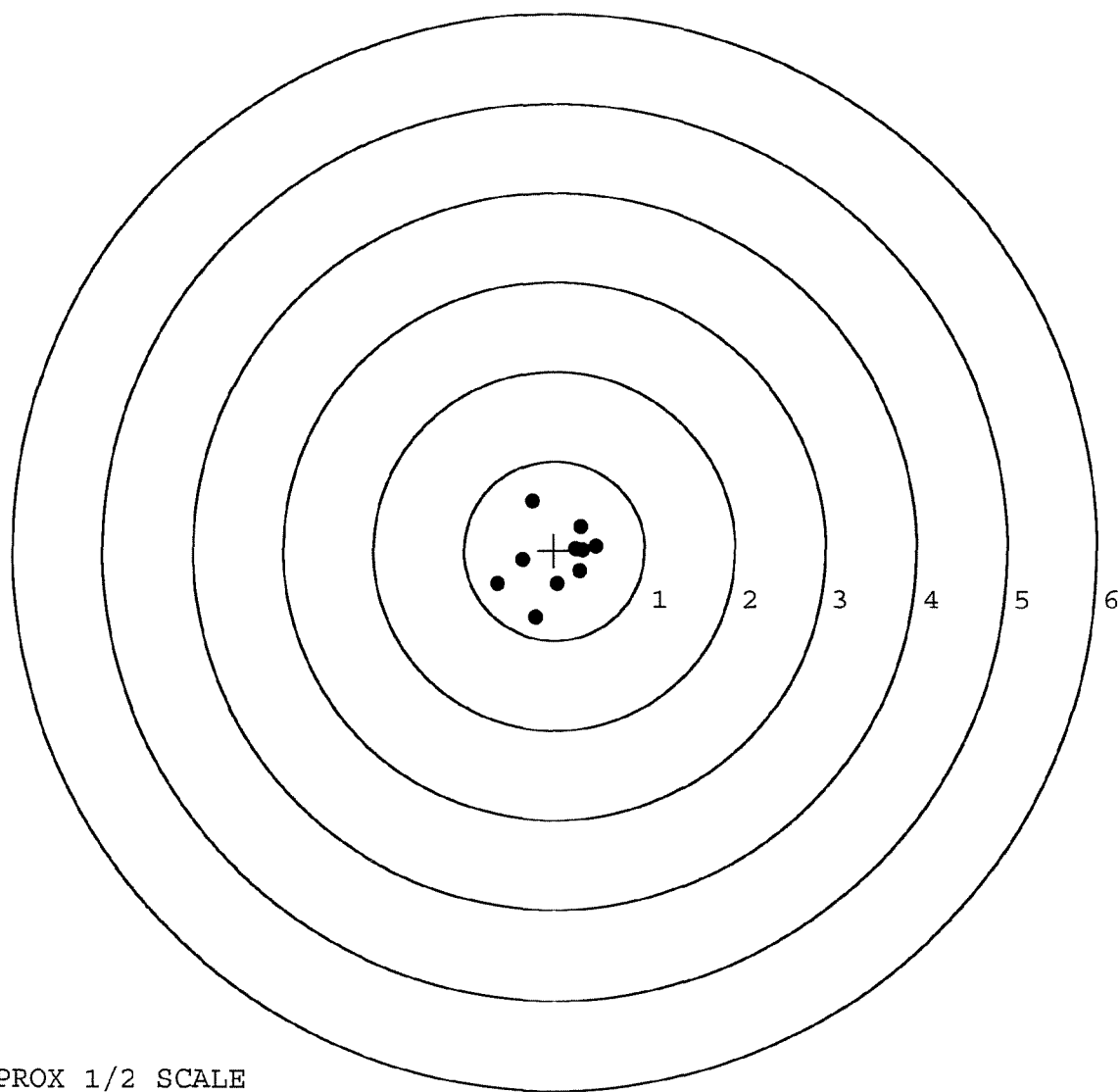
MAX RADIUS: 0.711

MEAN RADIUS: 0.453

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

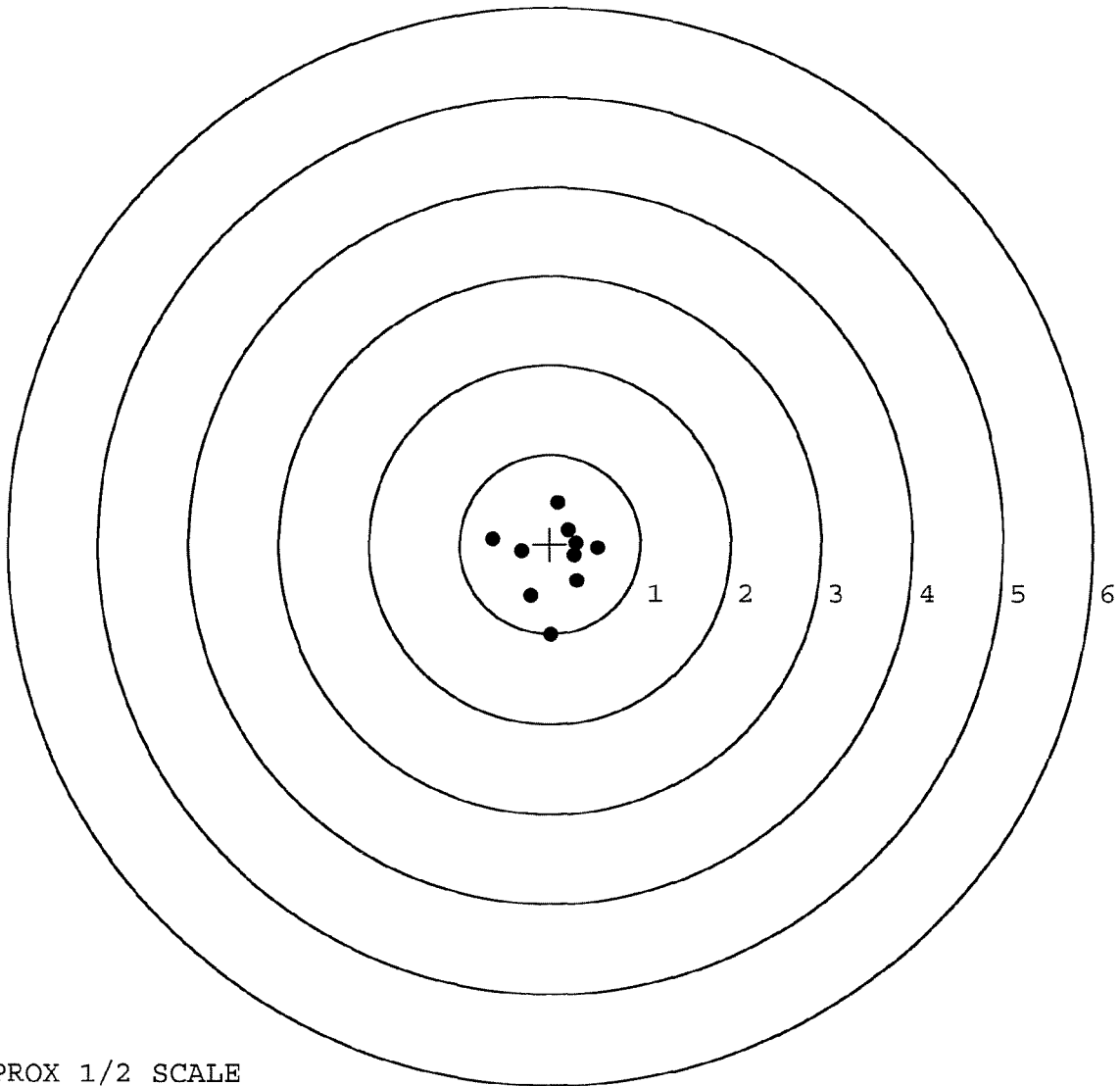


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6374527. __0
TARGET NUMBER: 3
FILE DATE: 10/15/2002
FILE TIME: 13:54

POINT#	X	Y
1:	0.012	-1.020
2:	-0.219	-0.582
3:	0.296	-0.413
4:	-0.317	-0.086
5:	-0.635	0.054
6:	0.086	0.464
7:	0.530	-0.042
8:	0.270	-0.125
9:	0.201	0.162
10:	0.291	0.016

X CENTROID: 0.051
Y CENTROID: -0.157
POA TO CENTROID: 0.165
HORZ SPREAD: 1.165
VERT SPREAD: 1.484
GROUP SPREAD: 1.486
MIN RADIUS: 0.221
MAX RADIUS: 0.864
MEAN RADIUS: 0.480
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

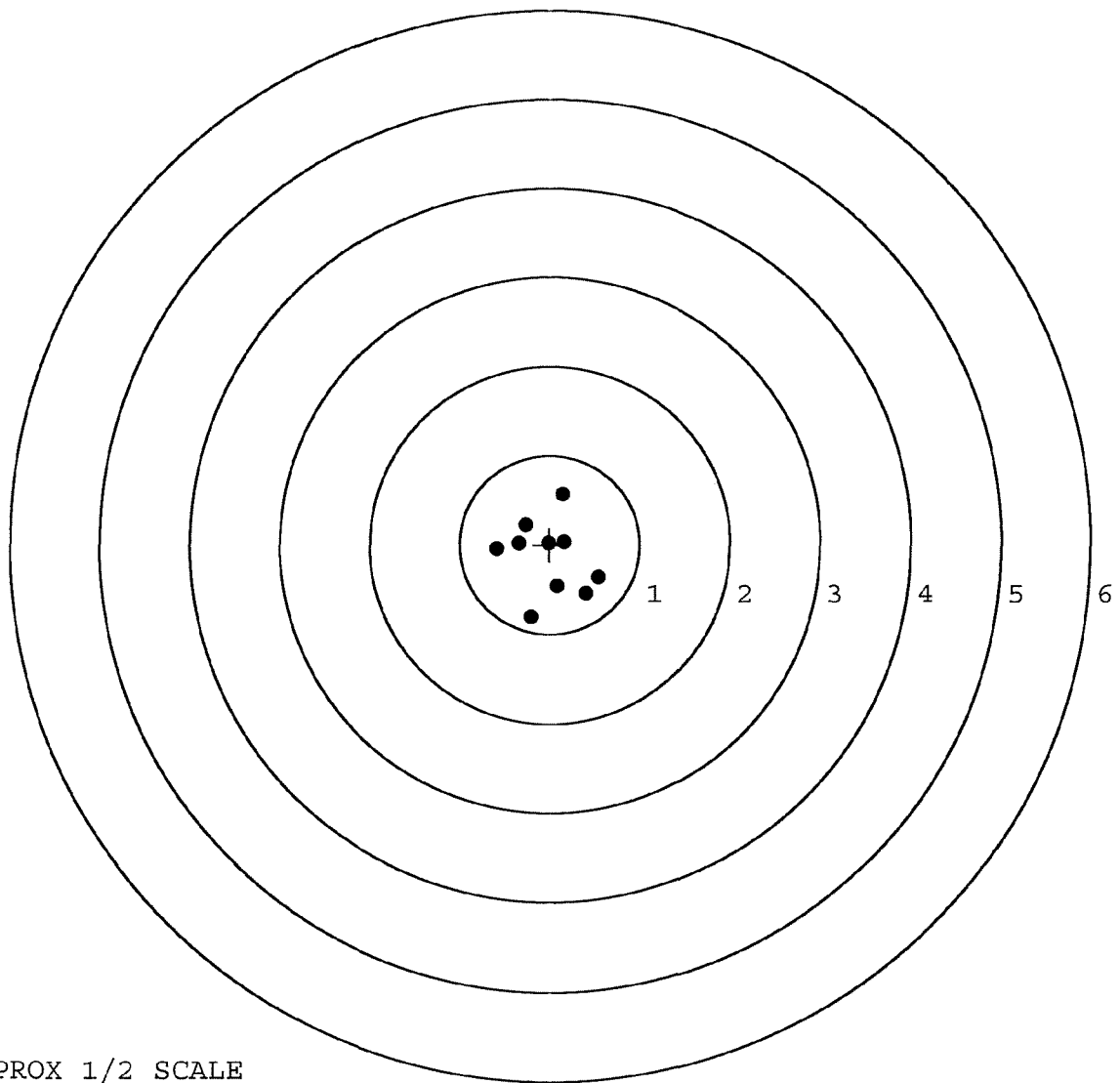


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6374527. 0
TARGET NUMBER: 4
FILE DATE: 10/15/2002
FILE TIME: 13:54

X CENTROID: -0.009
Y CENTROID: -0.140
POA TO CENTROID: 0.141
HORZ SPREAD: 1.136
VERT SPREAD: 1.383
GROUP SPREAD: 1.427
MIN RADIUS: 0.157
MAX RADIUS: 0.722
MEAN RADIUS: 0.477
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.546	-0.371
2:	0.404	-0.547
3:	0.083	-0.473
4:	-0.207	-0.818
5:	0.146	0.565
6:	0.166	0.028
7:	-0.020	0.016
8:	-0.275	0.225
9:	-0.348	0.019
10:	-0.590	-0.048

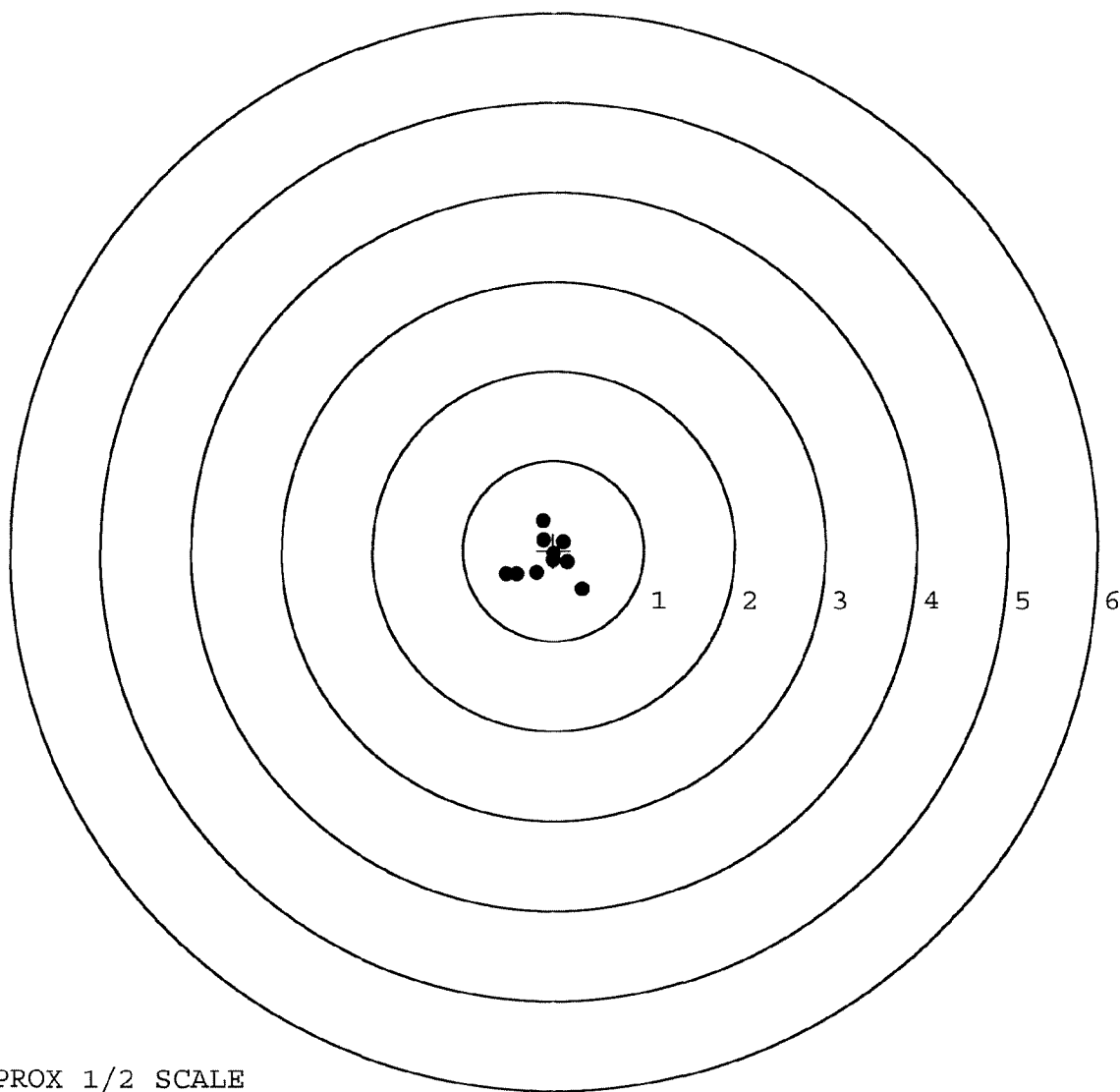


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6374527. 0
TARGET NUMBER: 5
FILE DATE: 10/15/2002
FILE TIME: 13:54

POINT#	X	Y
1:	0.002	-0.039
2:	0.317	-0.432
3:	-0.526	-0.266
4:	-0.408	-0.262
5:	-0.192	-0.253
6:	-0.120	0.329
7:	0.113	0.096
8:	-0.110	0.116
9:	0.160	-0.131
10:	-0.007	-0.113

X CENTROID: -0.077
Y CENTROID: -0.095
POA TO CENTROID: 0.123
HORZ SPREAD: 0.843
VERT SPREAD: 0.761
GROUP SPREAD: 0.878
MIN RADIUS: 0.072
MAX RADIUS: 0.518
MEAN RADIUS: 0.288
IN 1 IN DIAMETER: 9
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Final Inspection

n: E6374527

DATE REC'D: 9/18/02

DATE RET'D:

EDITOR: 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:

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

R & E NUMBER	52470		
SERIAL NUMBER	E6374527		
LOG-IN DATE	9/18/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9/19/02	RL
560 A	RE-BARREL	9/20/02	DA
B	DRILL AND TAP	9-21-02	AC
575	ASSEMBLE	9/24/02	RL
600	PROOF	9-24-02	AC
605	CHECK HEADSPACE	9-24-02	AC
610	DIS-ASSEMBLE GUN	9/24/02	RL
612	MAGNAFLUX	9/27/02	TR
615	ROLLMARK CALIBER	9/30	RO
618	ROTO-BLAST	10-5	TA
620	APPLY COATINGS	10/10/02	RW
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-14-02	TRW
655	FINAL INSPECT	10-14-02	RW
660	PACK	10-15-02	DA
		SHIP DATE	
QAR INSPECTION DATE			

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 98-05050

INITIAL CUSTOMER ORDER NO

WOG 3 OF 23

JIM

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

02/24/98

02/24/98

66225099

E6374527

700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

SHIP TO:

SUPPLY & SERVICES DIV
D O L WAREHOUSE J 2535 A1
KNOX ST
FT BRAGG NC 28307

SUPPLY & SERVICES DIV
D O L WAREHOUSE J 2535 A1
KNOX ST
FT BRAGG NC 28307

CUST NO: 113830 C.O.D L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

- ☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

E1

F1

BOLT ASSY.

B3

E2

F2

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

PARTS

COMMENTS

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400128212

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6374527
14 May 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .194
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .6564
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .684468

THE AMR FOR THIS RIFLE IS: 1.137

CENTROIDAL DISTANCES

0 TO 1	.672324
1 TO 2	.333924
1 TO 3	.365826
1 TO 4	.197327
1 TO 5	.155641

3
41

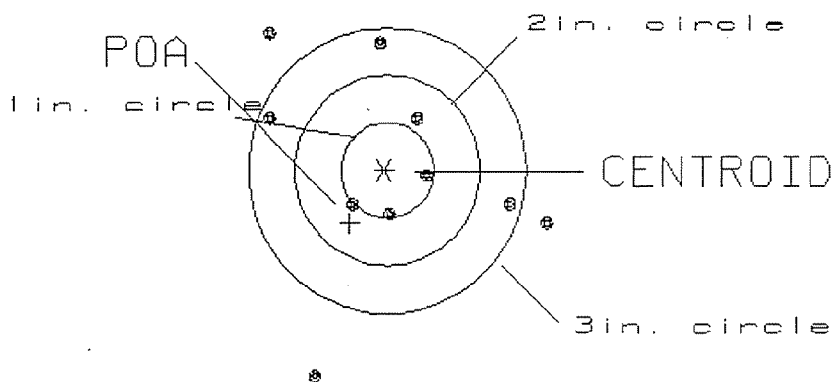
+ <----POA

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .672
 MIN RADIUS : .446
 MEAN RADIUS : 1.223
 MAX RADIUS : 2.264
 CENTROID X : .378
 CENTROID Y : .556

14 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374527

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.04

2

VS= 3.54

4

GS= 3.63

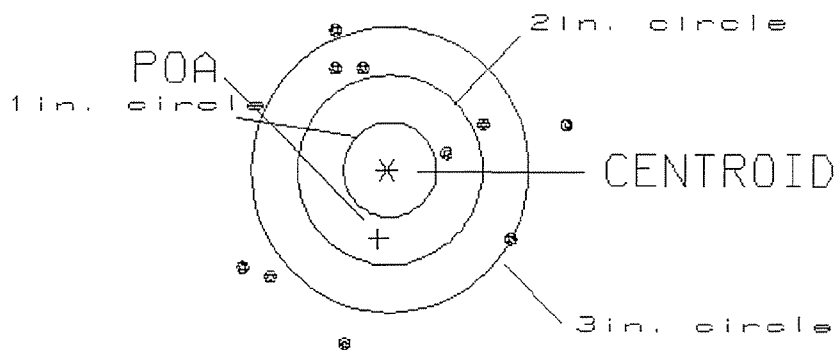
7

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .731
 MIN RADIUS : .613
 MEAN RADIUS : 1.466
 MAX RADIUS : 1.963
 CENTROID X : .090
 CENTROID Y : .725

14 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374527

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.54

0

VS= 3.30

1

GS= 3.83

4

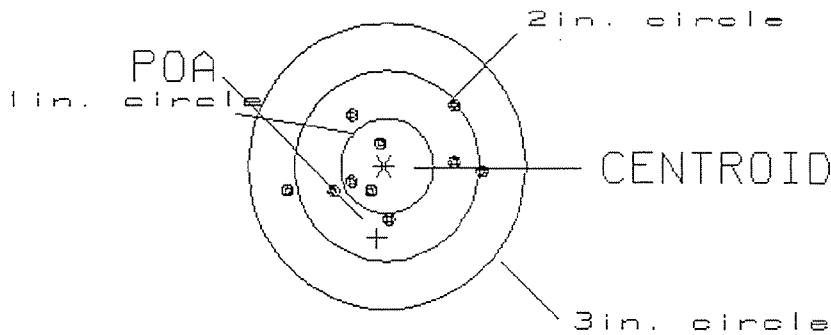
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .762
 MIN RADIUS : .232
 MEAN RADIUS : .651
 MAX RADIUS : 1.074
 CENTROID X : .073
 CENTROID Y : .758

14 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374527

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.05

3

VS= 1.18

8

GS= 2.06

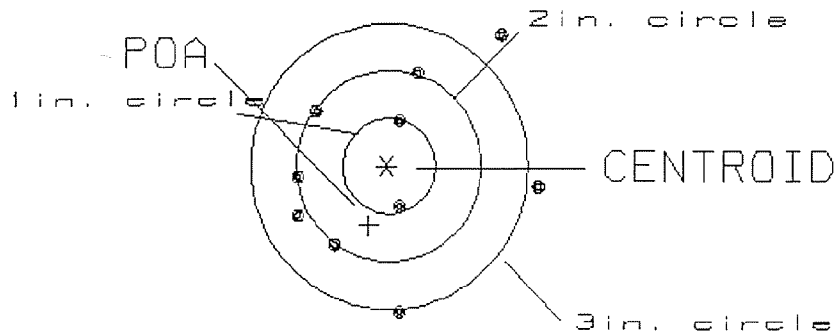
10

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .648
 MIN RADIUS : .428
 MEAN RADIUS : 1.105
 MAX RADIUS : 1.826
 CENTROID X : .191
 CENTROID Y : .619

14 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374527

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.65

2

VS= 2.89

3

GS= 3.10

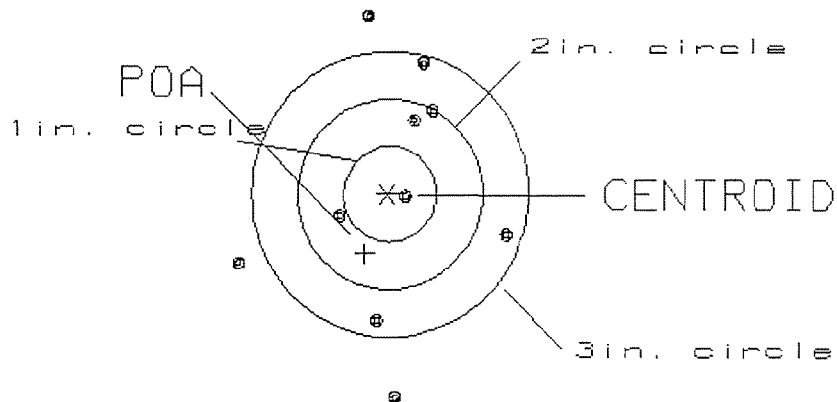
8

PATTERN #: 5
 POA TO CENTROID: .668
 MIN RADIUS : .115
 MEAN RADIUS : 1.242
 MAX RADIUS : 2.144
 CENTROID X : .238
 CENTROID Y : .624

14 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374527

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.90

1

VS= 4.04

3

GS= 4.05

7