

E6374606 New
C6225425 Old

MR

Serial Number:

Model: 700



RE00052473

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6374606.__0
FILE DATE AND TIME: 10/16/2002 13:46

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

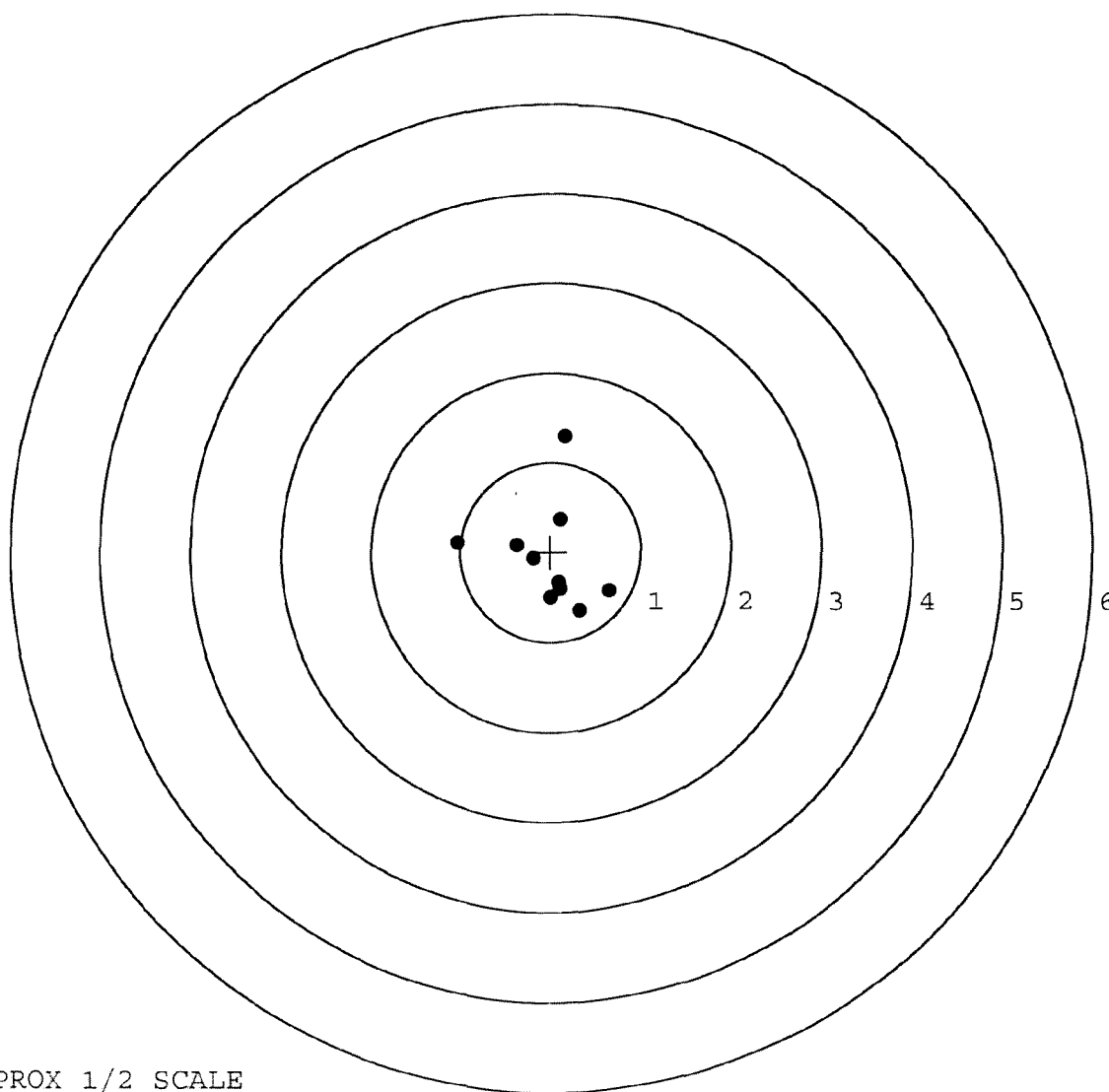
The Average X Centroid of the Five Target Set:	-0.018
The Average Y Centroid of the Five Target Set:	-0.051
The Average Point of Impact of the Five Target Set:	0.054
The Average Mean Radius of the Five Target Set:	0.456
The Distance from POA to Centroid Target #1:	0.063
The Distance from Centroid Target #2 to Centroid Target #1:	0.029
The Distance from Centroid Target #3 to Centroid Target #1:	0.119
The Distance from Centroid Target #4 to Centroid Target #1:	0.040
The Distance from Centroid Target #5 to Centroid Target #1:	0.129

SERIAL NUMBER: E6374606. __0
TARGET NUMBER: 1
FILE DATE: 10/16/2002
FILE TIME: 13:46

X CENTROID: -0.015
Y CENTROID: -0.061
POA TO CENTROID: 0.063
HORZ SPREAD: 1.684
VERT SPREAD: 1.939
GROUP SPREAD: 1.946
MIN RADIUS: 0.176
MAX RADIUS: 1.364
MEAN RADIUS: 0.597

POINT#	X	Y
1:	0.650	-0.435
2:	0.322	-0.647
3:	0.004	-0.511
4:	0.096	-0.346
5:	-0.190	-0.079
6:	-0.375	0.075
7:	0.110	0.360
8:	-1.034	0.098
9:	0.158	1.292
10:	0.111	-0.415

IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

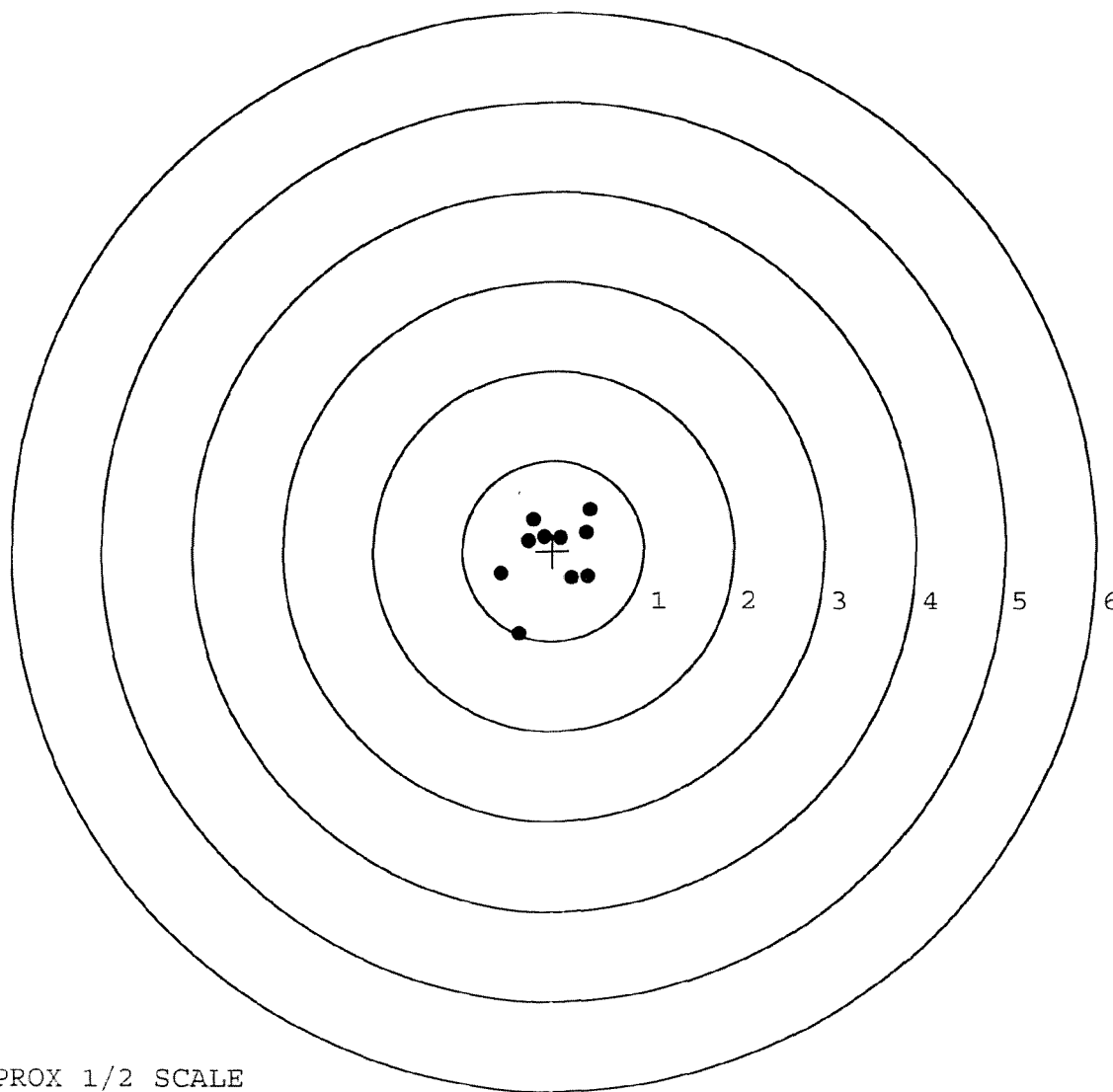


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6374606. __0
TARGET NUMBER: 2
FILE DATE: 10/16/2002
FILE TIME: 13:46

X CENTROID: -0.009
Y CENTROID: -0.033
POA TO CENTROID: 0.034
HORZ SPREAD: 0.988
VERT SPREAD: 1.369
GROUP SPREAD: 1.579
MIN RADIUS: 0.200
MAX RADIUS: 0.955
MEAN RADIUS: 0.463
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.378	-0.914
2:	0.208	-0.304
3:	0.388	-0.286
4:	-0.579	-0.251
5:	-0.221	0.353
6:	-0.278	0.119
7:	-0.098	0.157
8:	0.089	0.141
9:	0.368	0.203
10:	0.409	0.455



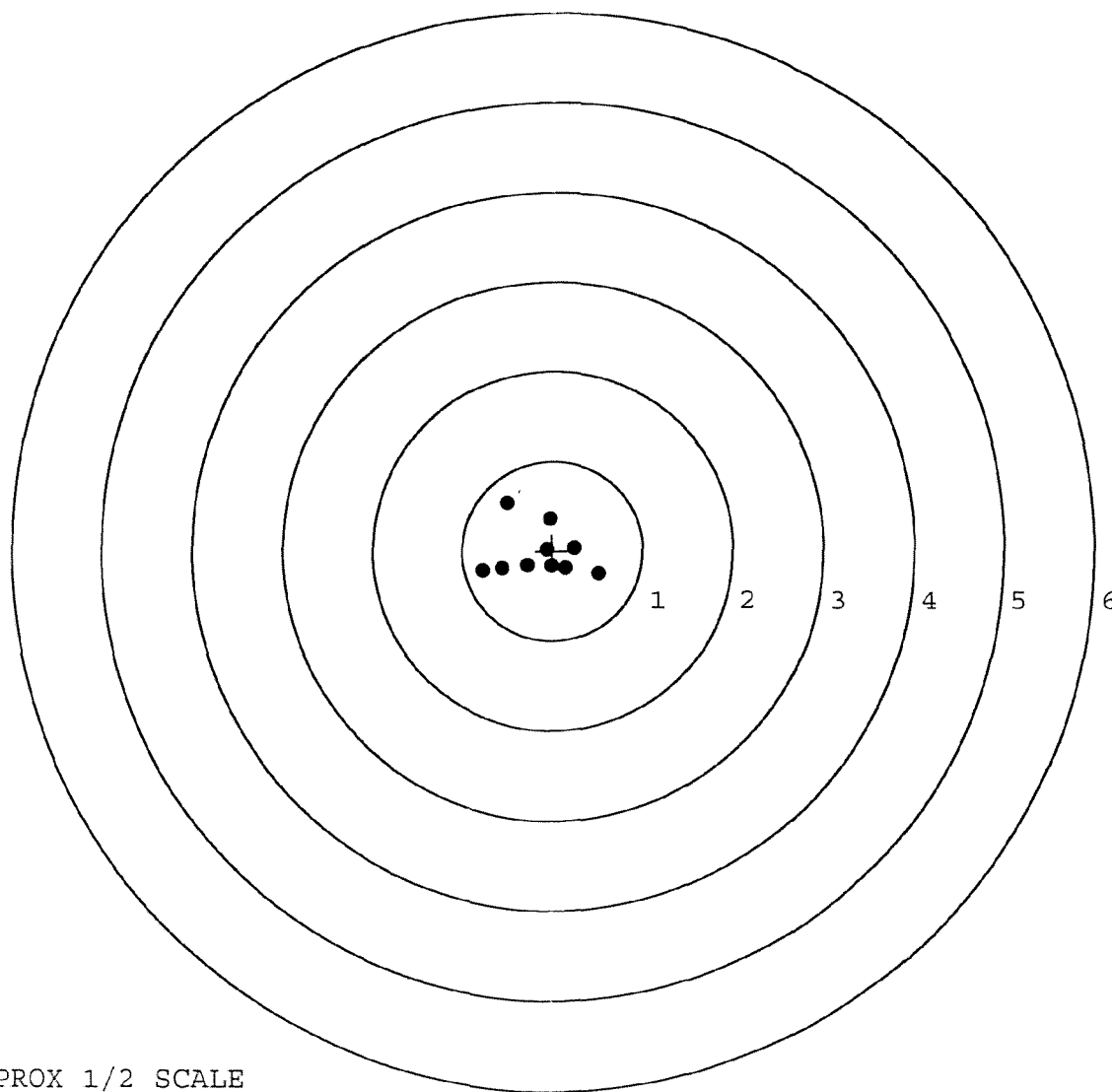
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6374606. __0
TARGET NUMBER: 3
FILE DATE: 10/16/2002
FILE TIME: 13:46

X CENTROID: -0.129
Y CENTROID: -0.028
POA TO CENTROID: 0.132
HORZ SPREAD: 1.284
VERT SPREAD: 0.791
GROUP SPREAD: 1.292
MIN RADIUS: 0.078
MAX RADIUS: 0.685
MEAN RADIUS: 0.406

POINT#	X	Y
1:	0.517	-0.257
2:	-0.504	0.534
3:	-0.767	-0.226
4:	-0.554	-0.194
5:	-0.277	-0.162
6:	-0.029	0.355
7:	0.250	0.030
8:	0.151	-0.198
9:	-0.063	0.014
10:	-0.012	-0.173

IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6374606. __0

TARGET NUMBER: 4

FILE DATE: 10/16/2002

FILE TIME: 13:46

POINT#	X	Y
1:	0.377	-0.366
2:	0.221	-0.179
3:	-0.247	-0.521
4:	-0.243	-0.321
5:	-0.423	-0.208
6:	-0.110	0.043
7:	0.140	0.169
8:	0.007	0.269
9:	-0.188	0.227
10:	-0.031	0.080

X CENTROID: -0.050

Y CENTROID: -0.081

POA TO CENTROID: 0.095

HORZ SPREAD: 0.800

VERT SPREAD: 0.790

GROUP SPREAD: 0.819

MIN RADIUS: 0.138

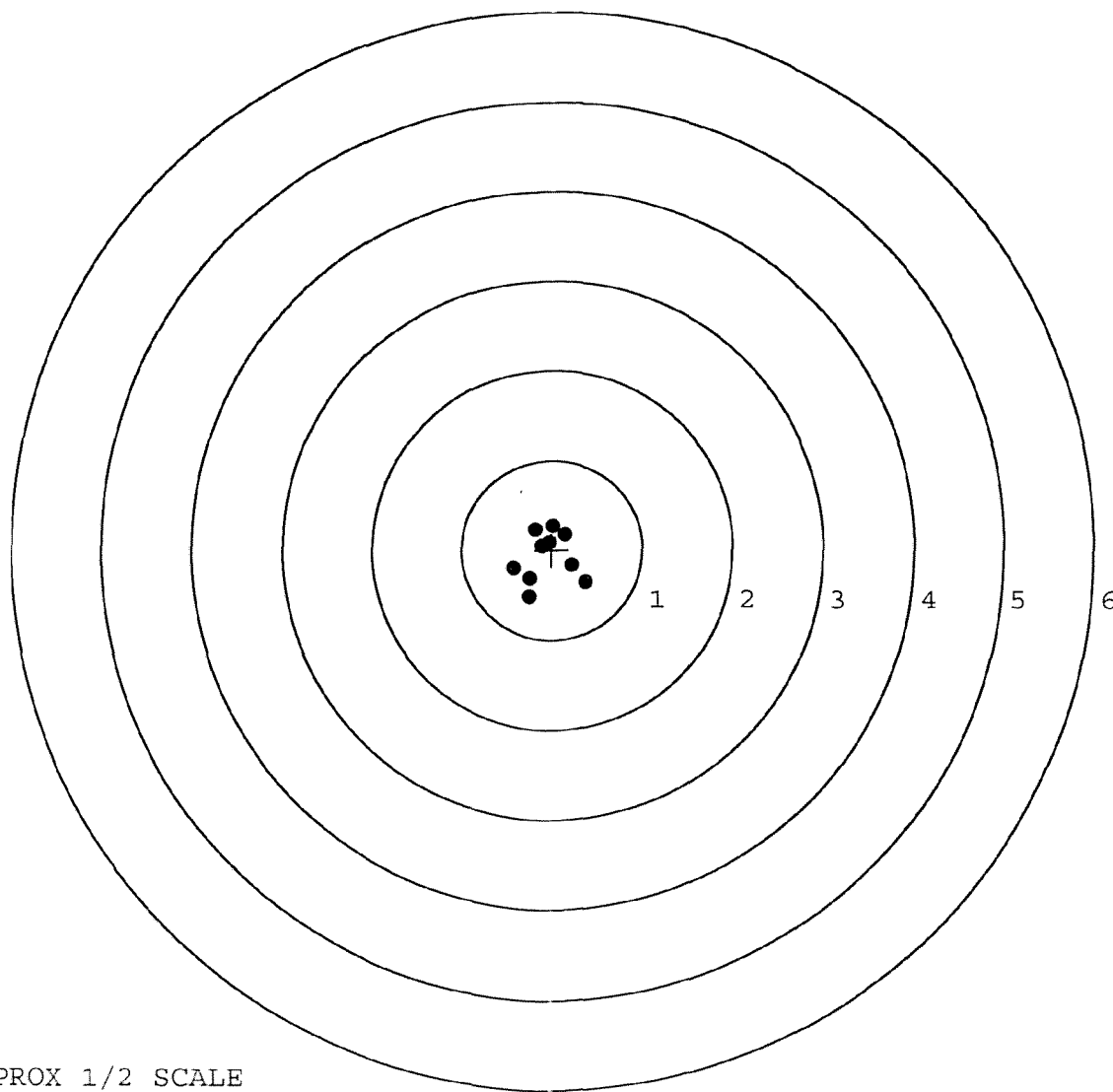
MAX RADIUS: 0.513

MEAN RADIUS: 0.329

IN 1 IN DIAMETER: 9

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

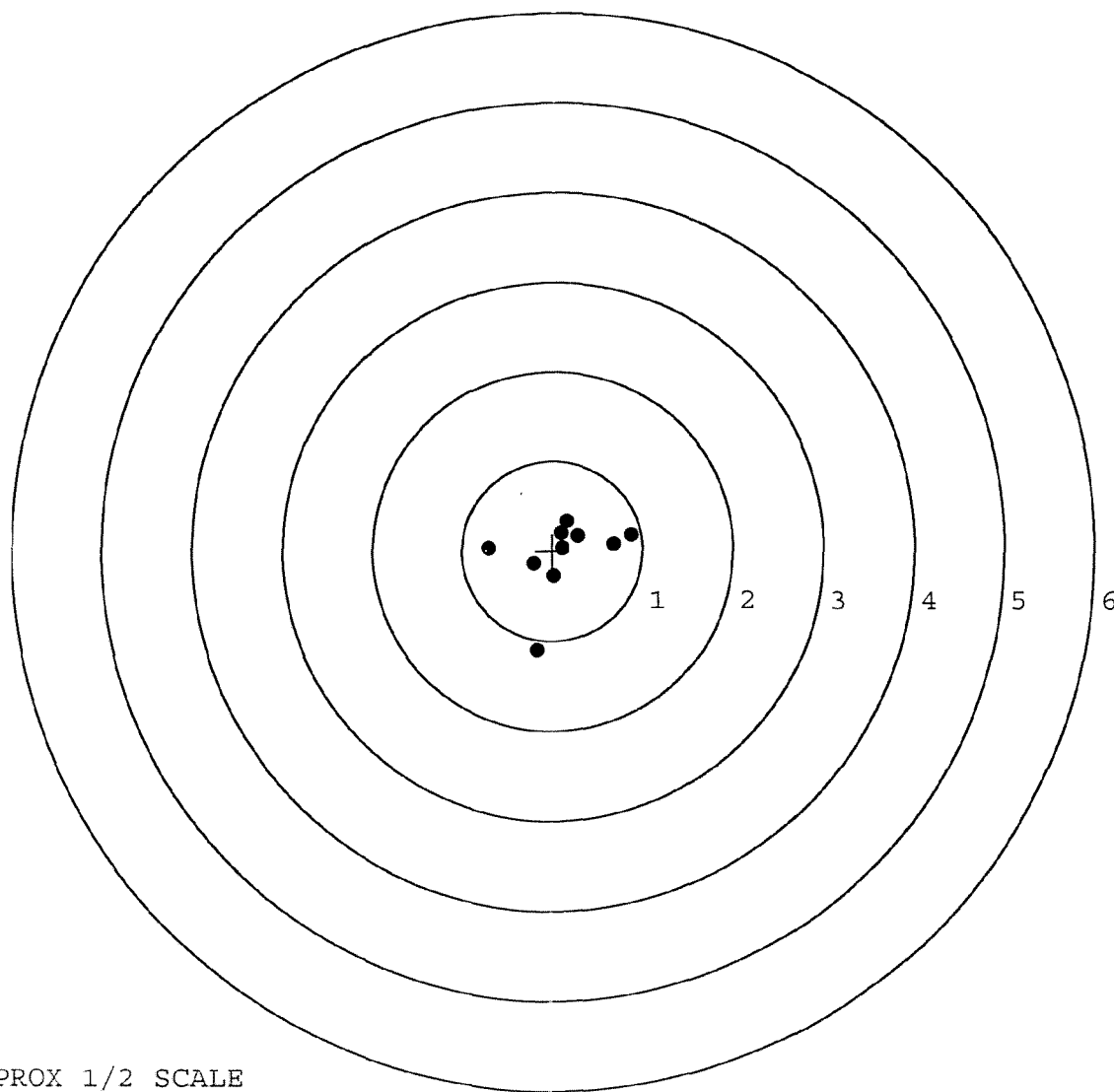


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6374606. 0
TARGET NUMBER: 5
FILE DATE: 10/16/2002
FILE TIME: 13:46

X CENTROID: 0.114
Y CENTROID: -0.054
POA TO CENTROID: 0.126
HORZ SPREAD: 1.583
VERT SPREAD: 1.438
GROUP SPREAD: 1.655
MIN RADIUS: 0.083
MAX RADIUS: 1.092
MEAN RADIUS: 0.486
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.170	-1.108
2:	-0.712	0.029
3:	-0.202	-0.145
4:	0.018	-0.281
5:	0.113	0.029
6:	0.286	0.160
7:	0.161	0.330
8:	0.678	0.076
9:	0.871	0.179
10:	0.095	0.195



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	52473		
SERIAL NUMBER	E6374606		
LOG-IN DATE	9/18/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9/20/02	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	9-25-02	A
605	CHECK HEADSPACE	9-25-02	A
610	DIS-ASSEMBLE GUN	9/24/02	RL
612	MAGNAFLUX	RL	
615	ROLLMARK CALIBER	9/27/02	TRW
618	ROTO-BLAST	9/30/02	RL
620	APPLY COATINGS	10-5	TA
625 A	FINAL ASSEMBLY	10/10/02	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-15-02	TRW
655	FINAL INSPECT	10-15-02	RL
660	PACK	10-15-02	DA
		SHIP DATE	
QAR INSPECTION DATE			

Final Inspection

n: E6374606

DATE REC'D: 9/18/02

DATE RET'D: 10/15/02

EDITOR: RL

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: _____

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 98-05074

INITIAL CUSTOMER ORDER NO.

WOG 16 OF 23

DATE RECEIVED 02/24/98 DATE OPENED 02/24/98 DATE CODE ACCESSORIES W/STUDS SCOPE BASE
SERIAL NUMBER 66225425 NEW SERIAL NUMBER E6374606 MODEL AND GRADE 700 7.62 NATO

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

ACCOUNT NUMBER

ACCOUNT NUMBER NIC

WRITE ☐

FROM 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

TRIGGER GROUP

BOLT ASSY.

BARREL ASSY.

REC. ASSY.

WOOD

METAL

MAIN FAULT

PARTS

COMMENTS

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RECEIPT NO. 707

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400118808

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6374606
19 May 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1554
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3032
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .340704

THE AMR FOR THIS RIFLE IS: 1.148

CENTROIDAL DISTANCES

0	TO	1	.299902
1	TO	2	.330092
1	TO	3	.168585
1	TO	4	.255204
1	TO	5	.379037

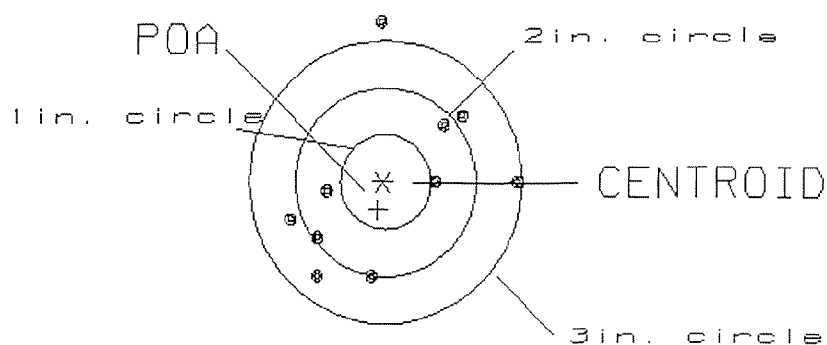
5
4
1 3
2 <----POA

PATTERN #: 1
 POA TO CENTROID: .300
 MIN RADIUS : .547
 MEAN RADIUS : 1.081
 MAX RADIUS : 1.755
 CENTROID X : .054
 CENTROID Y : .295

19 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374686

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.54

0

VS= 2.78

3

GS= 2.87

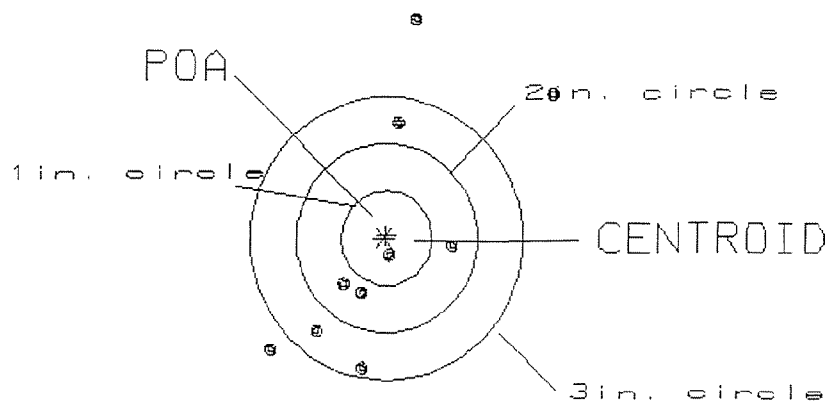
9

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .037
 MIN RADIUS : .227
 MEAN RADIUS : 1.278
 MAX RADIUS : 2.380
 CENTROID X : -.027
 CENTROID Y : -.025

19 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374686

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.17

1

VS= 3.70

4

GS= 4.13

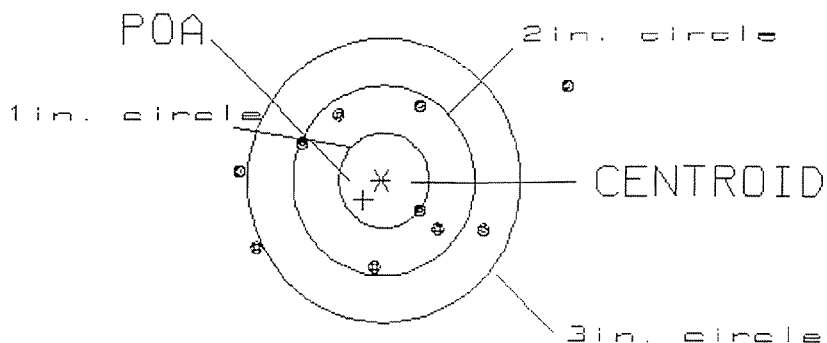
7

PATTERN #: 030
 POA TO CENTROID: .289
 MIN RADIUS : .508
 MEAN RADIUS : 1.136
 MAX RADIUS : 2.184
 CENTROID X : .199
 CENTROID Y : .209

19 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374686

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.56

0

VS= 1.86

6

GS= 3.71

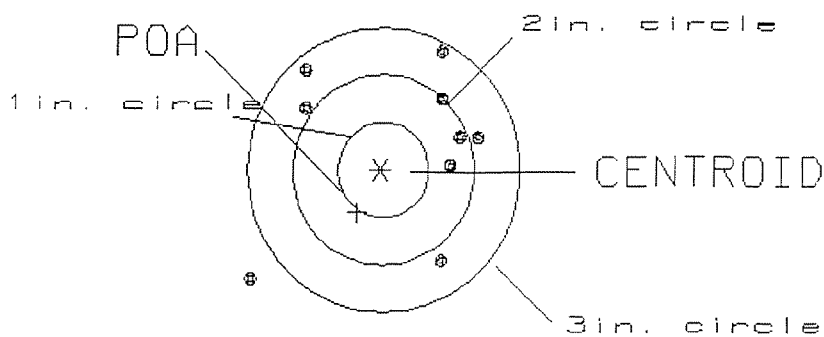
7

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .516
 MIN RADIUS : .719
 MEAN RADIUS : 1.332
 MAX RADIUS : 2.707
 CENTROID X : .259
 CENTROID Y : .447

19 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374686

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.50

0

VS= 3.56

3

GS= 4.12

8

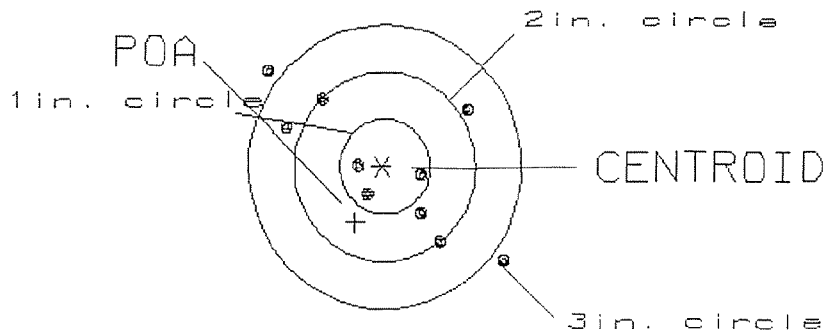
PATTERN #: 5

POA TO CENTROID: .658
 MIN RADIUS : .321
 MEAN RADIUS : .914
 MAX RADIUS : 1.647
 CENTROID X : .292
 CENTROID Y : .590

19 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374686

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.59

3

VS= 2.00

6

GS= 3.27

8