

G 6616313
Rapha
C.6349133

Repair Inquiry

Repair Number: RE00121224

Serial: C6349133 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/19/1990

Repairman:

Status:

New 12/5/2006 9:21:58 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: FORT WAINWRIGHT

FORT WAINWRIGHT

Address 1: 1ST BATTALION 17TH INFANTRY REGIMENT

1ST BATTALION 17TH INFANTRY REGIMENT

Address 2: 172ND INF BRIG SEPERATE

PO Box:

172ND INF BRIG SEPERATE

PO Box:

City: FORT WRAINWRIGHT

FORT WRAINWRIGHT

State: AK

Zip Code: 99703

Country: US

State: AK

Zip Code: 99703

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
A006	Sling Strap	1
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A055	Deployment Kit	1
D000	SCOPE CASE	1

Repair Search

Refresh

Close

nagletj

12/6/2006

7:35 AM

CAPS

NUM

INS

SCRL

start

SIM...

Part...

Arm...

SIM...

SL...

2 W...

SAP...

7:45 AM

Serial
Number:G 6616313 New
C6349133

Model: M24 SWS



RE00121224

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6616313.___0

FILE DATE AND TIME: 12/15/2006 05:56

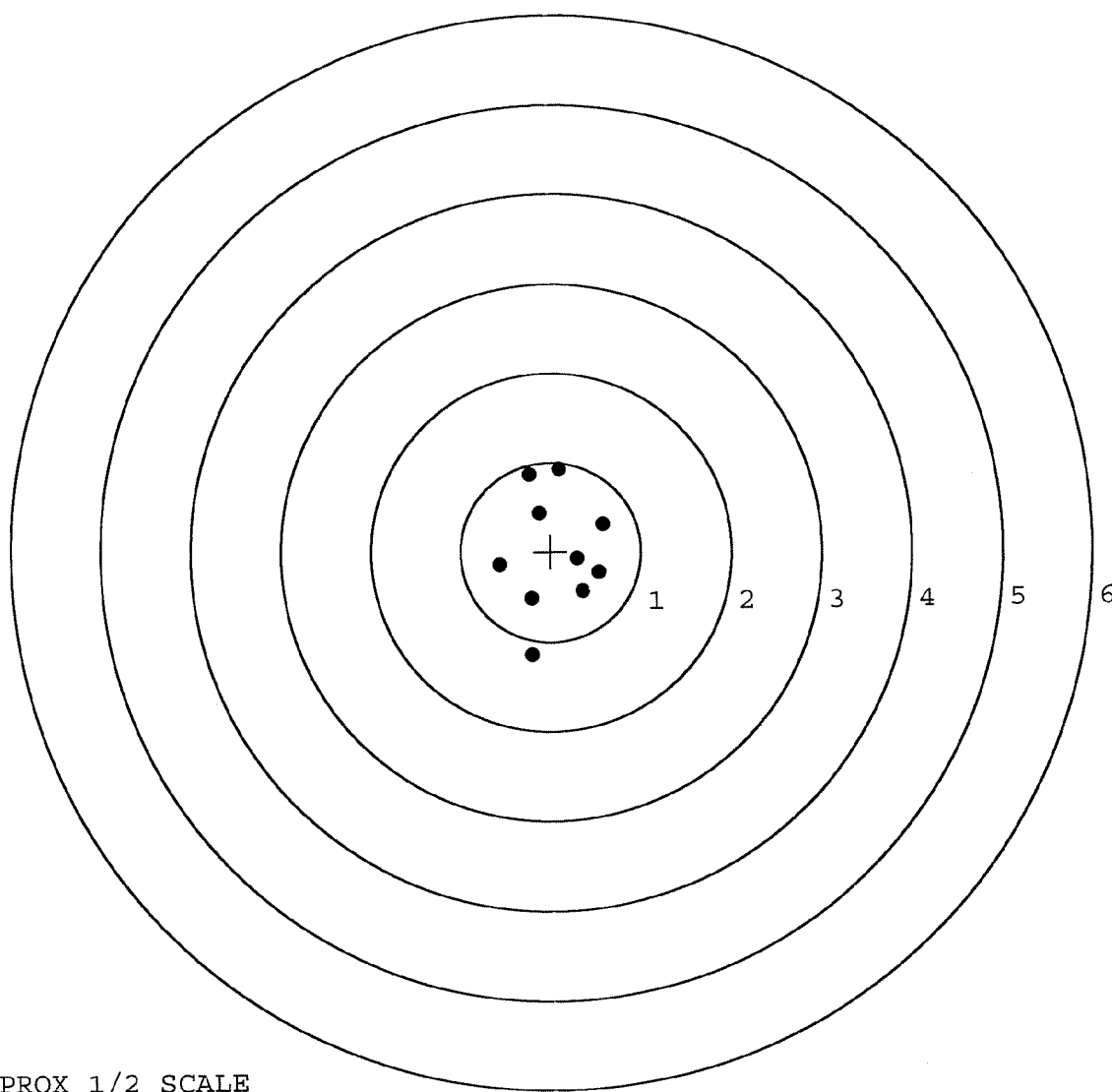
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.055
The Average Y Centroid of the Five Target Set:	0.112
The Average Point of Impact of the Five Target Set:	0.125
The Average Mean Radius of the Five Target Set:	0.673
The Distance from POA to Centroid Target #1:	0.053
The Distance from Centroid Target #2 to Centroid Target #1:	0.325
The Distance from Centroid Target #3 to Centroid Target #1:	0.196
The Distance from Centroid Target #4 to Centroid Target #1:	0.105
The Distance from Centroid Target #5 to Centroid Target #1:	0.142

SERIAL NUMBER: G6616313. __0
TARGET NUMBER: 1
FILE DATE: 12/15/2006
FILE TIME: 05:56

X CENTROID: 0.052
Y CENTROID: -0.007
POA TO CENTROID: 0.053
HORZ SPREAD: 1.149
VERT SPREAD: 2.073
GROUP SPREAD: 2.098
MIN RADIUS: 0.258
MAX RADIUS: 1.171
MEAN RADIUS: 0.664
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.216	-1.147
2:	-0.219	-0.526
3:	-0.568	-0.150
4:	0.354	-0.442
5:	0.537	-0.238
6:	0.298	-0.084
7:	0.581	0.302
8:	-0.123	0.427
9:	0.106	0.926
10:	-0.228	0.861

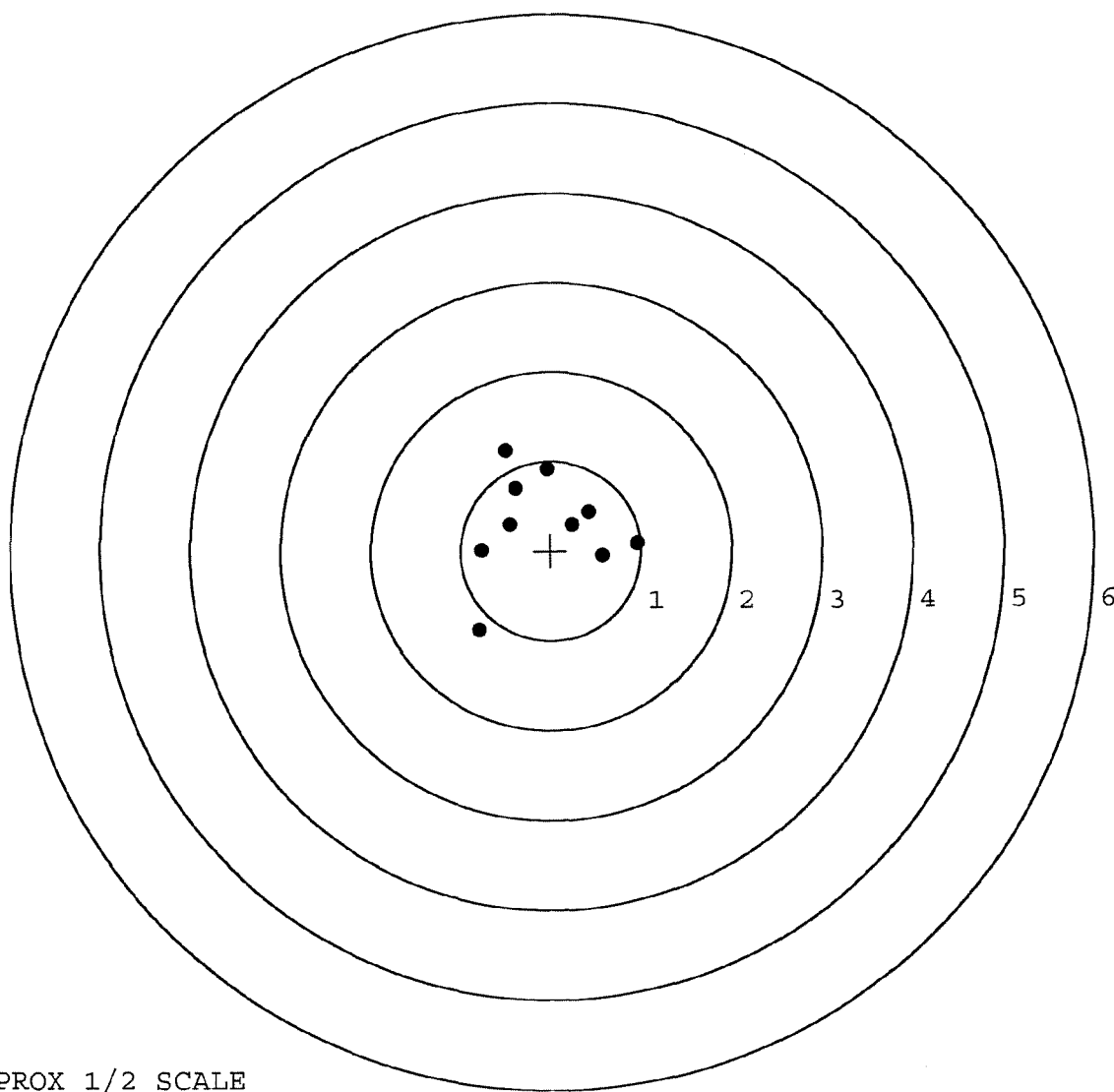


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616313. __0
TARGET NUMBER: 2
FILE DATE: 12/15/2006
FILE TIME: 05:56

X CENTROID: -0.076
Y CENTROID: 0.291
POA TO CENTROID: 0.301
HORZ SPREAD: 1.751
VERT SPREAD: 2.001
GROUP SPREAD: 2.024
MIN RADIUS: 0.312
MAX RADIUS: 1.376
MEAN RADIUS: 0.718
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.795	-0.882
2:	-0.764	0.013
3:	-0.458	0.297
4:	0.956	0.085
5:	0.575	-0.058
6:	0.422	0.435
7:	0.236	0.294
8:	-0.044	0.913
9:	-0.390	0.697
10:	-0.494	1.119

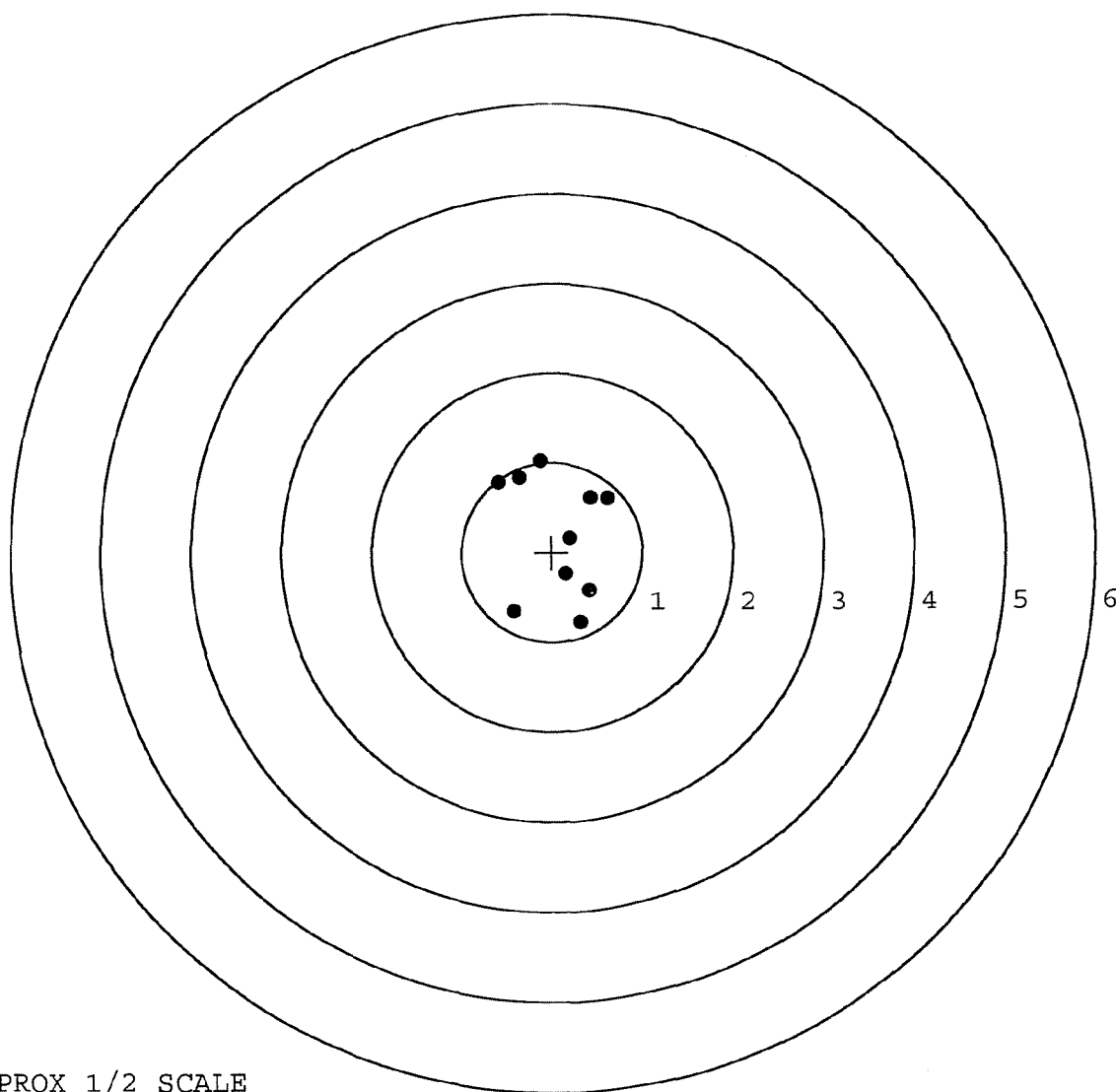


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616313. 0
TARGET NUMBER: 3
FILE DATE: 12/15/2006
FILE TIME: 05:56

X CENTROID: 0.064
Y CENTROID: 0.189
POA TO CENTROID: 0.200
HORZ SPREAD: 1.211
VERT SPREAD: 1.799
GROUP SPREAD: 1.853
MIN RADIUS: 0.137
MAX RADIUS: 1.006
MEAN RADIUS: 0.703
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.424	-0.660
2:	0.320	-0.784
3:	0.419	-0.433
4:	0.154	-0.240
5:	0.199	0.162
6:	0.620	0.605
7:	0.431	0.613
8:	-0.126	1.015
9:	-0.591	0.782
10:	-0.357	0.829

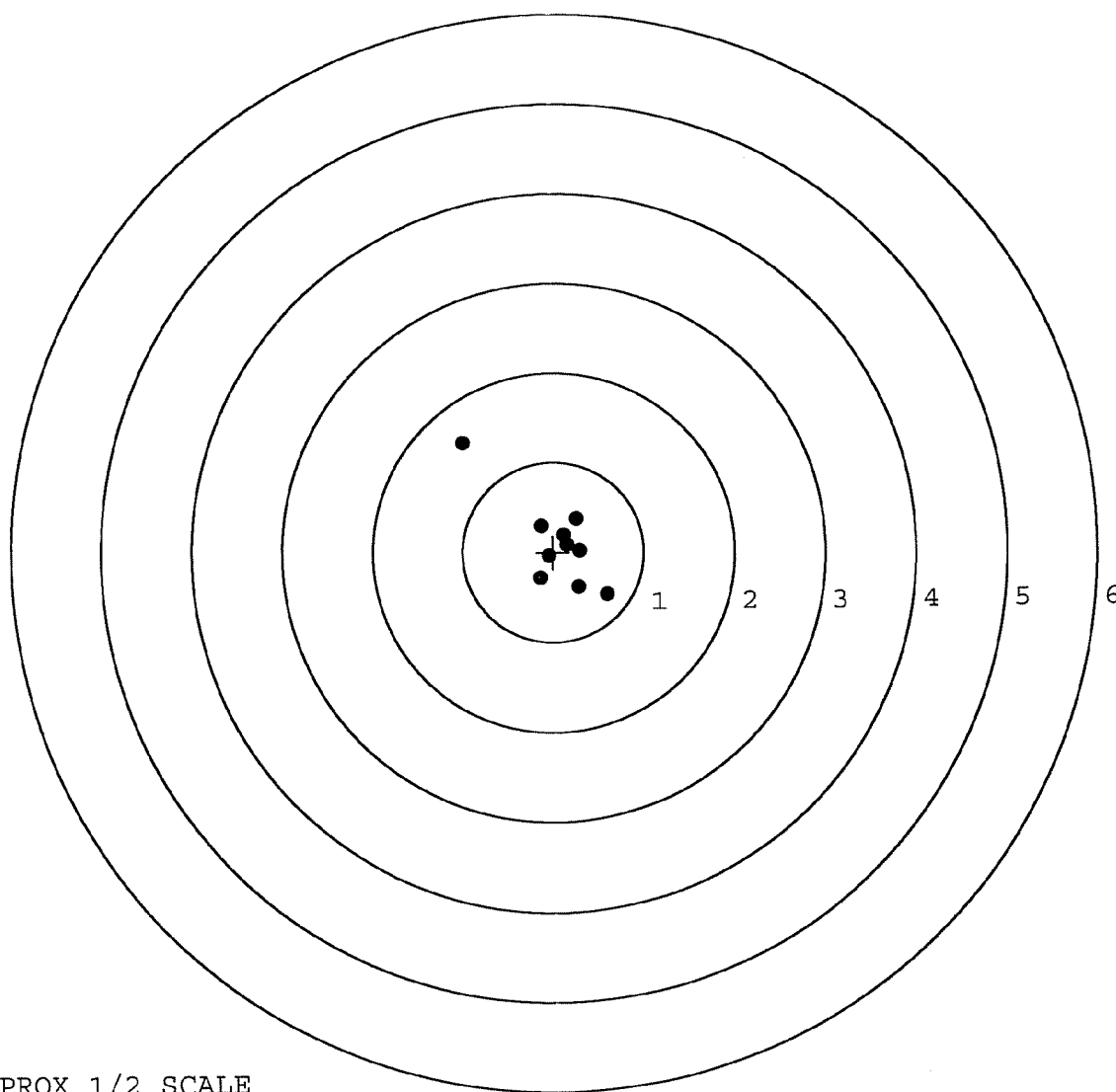


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616313. __ 0
TARGET NUMBER: 4
FILE DATE: 12/15/2006
FILE TIME: 05:56

X CENTROID: 0.040
Y CENTROID: 0.097
POA TO CENTROID: 0.105
HORZ SPREAD: 1.589
VERT SPREAD: 1.705
GROUP SPREAD: 2.331
MIN RADIUS: 0.116
MAX RADIUS: 1.528
MEAN RADIUS: 0.459
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.990	1.226
2:	0.599	-0.479
3:	0.283	-0.388
4:	-0.143	-0.290
5:	0.295	0.018
6:	0.261	0.369
7:	-0.132	0.292
8:	0.125	0.187
9:	-0.052	-0.045
10:	0.155	0.084



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616313. __0

TARGET NUMBER: 5

FILE DATE: 12/15/2006

FILE TIME: 05:56

X CENTROID: 0.194

Y CENTROID: -0.011

POA TO CENTROID: 0.194

HORZ SPREAD: 1.806

VERT SPREAD: 2.612

GROUP SPREAD: 2.673

MIN RADIUS: 0.179

MAX RADIUS: 1.578

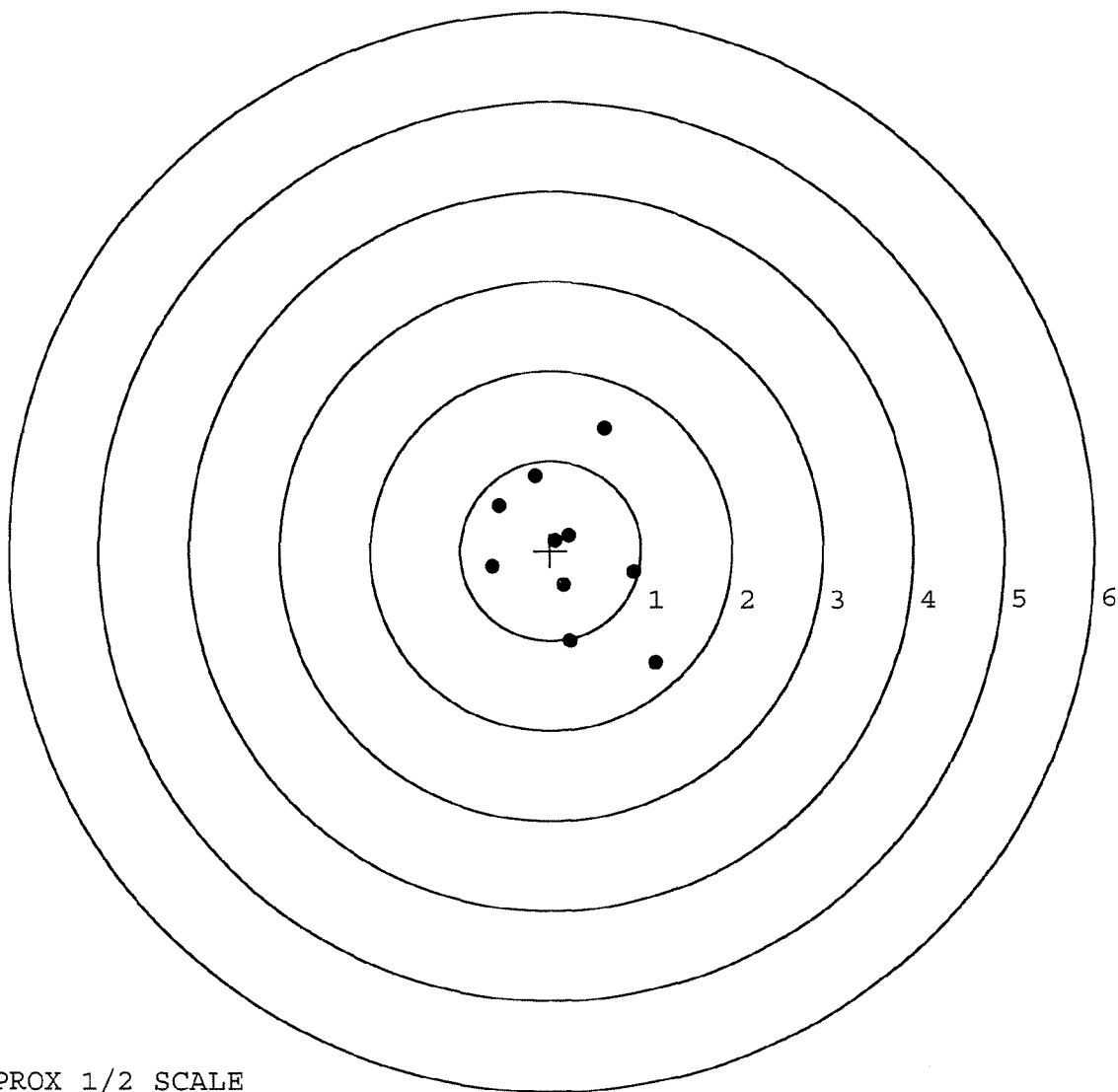
MEAN RADIUS: 0.819

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.166	-1.255
2:	0.220	-1.007
3:	0.921	-0.246
4:	0.597	1.357
5:	-0.170	0.829
6:	-0.571	0.502
7:	-0.640	-0.177
8:	0.147	-0.392
9:	0.209	0.167
10:	0.058	0.107



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

DATE 11-13-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	259	260		268	
PULL #2	257	266		254	
PULL #3	267	272		265	
PULL #4	248	251		261	
PULL #5	258	256		263	
TOTAL	1289	1305		1311	
AVERAGE	257	261		262	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	297	310		
PULL #2	305	314		
PULL #3	304	315		
PULL #4	303	315		
PULL #5	305	318		
TOTAL	1514	1572		
AVERAGE	302	314		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	425	409		404
PULL #2	419	406		401
PULL #3	417	407		397
PULL #4	416	409		400
PULL #5	419	408		400
TOTAL	2096	2039		2002
AVERAGE	419	407		400

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

R & E NUMBER	121224				
SERIAL NUMBER	60349133			G6616313 (New)	
LOG-IN DATE	12-5-06				
OPERATION #	OPERATION NAME		DATE	INITIAL	
500	DIS-ASSEMBLE GUN		12-7-06	RTZ	
505	RE-BARREL		12-7-06	RTZ	
420	ASSEMBLE		12-8-06	RTZ	
440	PROOF	MAGNA-FLUX	12-8-06	TRW	
460	CHECK HEADSPACE	INSPECTED	12-8-06	TRW	
470	DIS-ASSEMBLE GUN	DEC 9 2006	12-8-06	RTZ	
480	MAGNAFLUX	OPERATOR <i>[Signature]</i>	12-8-06	TRW	
510	DRILL AND TAP		12-8-06	TRW	
500	ROLLMARK CALIBER		12-8-06	CW	
520	GOFF BLAST BBL / REC		12-8-06	LB	
530 & 540	APPLY COATINGS		12/11/06	TRW	
560	FINAL ASSEMBLY		12-13-06	RTZ	
640	FUNCTION TEST AND	PASS FAIL	12-14-06	TRW	
650	TARGET	PASS FAIL	12-14-06	TRW	
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION	12-14-06	WR	
670	FINAL INSPECTION				
	A) HEADSPACE	PASS FAIL	12-15-06	BLC	
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.64 2.36 2.42 2.27 2.39	12-15-06 OJA	
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.0 5.5 5.2	12-15-06 OJA	
	G) SAFETY OFF FORCE	2 LBS MIN	3.0 3.0 3.0	12-15-06 OJA	
	I) FIRING PIN INDENT	.020	.023 .023 .023	12-15-06 OJA	
690	PACK			12-19-06 OJA	

F006 REV 5/2006

FINAL INSPECTION CHECKLIST

BARREL ASSEMBLY	STOCK ASSEMBLY
_____ BARREL	_____ STOCK
_____ RECEIVER	_____ SLING SWIVEL STUDS
_____ FRONT SIGHT BASE	_____
_____ REAR SIGHT BASE	_____ BUTT PATE
_____ SCREWS	_____ LOCK NUTS
_____ FINISH	_____ BARREL CLEARANCE
	_____ COLOR / FINISH
SCOPE ASSEMBLY	SYSTEM CASE
_____ SCOPE	_____ SCOPE CASE
_____ SCOPE RINGS	_____ IRON SIGHTS
_____ MOUNTING SCREWS	_____ DEPLOYMENT KIT
_____ MOUNTING BASE	
_____ SCREWS	TRIGGER ASSEMBLY
_____ FINISH	_____ SAFETY OPERATION
_____ CLARITY	_____ RE-SET TO FACTORY SPECS
COMMENTS: _____	

F006 REV 5/2006

Repair Inquiry

Repair Number: RE00061389

Serial: C6349133 Model 700 Center Fire Caliber:
7.62 NATO M-24 (SWS)

Repairman:

Verify Repair:

Status:

Closed 2/10/2003 11:53:23 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: FORT WAINWRIGHT

FORT WAINWRIGHT

Address 1: 1ST BATTALION 17TH INFANTRY REGIMENT

1ST BATTALION 17TH INFANTRY REGIMENT

Address 2: 172ND INF BRIG SEPERATE

PO Box:

172ND INF BRIG SEPERATE

PO Box:

City: FORT WRAINWRIGHT

FORT WRAINWRIGHT

State: AK

Zip Code: 99703

Country: US

State: AK

Zip Code: 99703

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Poor

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
X	FRT & REAR SGT BA	1
XX	DEPLOYMENT CASE	1
XXX	SCOPE CASE	1

Repair Search

Refresh

Close

nagletj

2/10/2003

2:04 PM

CAPS

NUM

INS

SCRL

start

2 Microsoft O...

Arms Services R...

3 Microsoft Ex...

My Excite - Micr...

2:04 PM

Serial Number:

C6349133

Model: 700



RE00061389

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349133.___0
FILE DATE AND TIME: 03/09/2003 01:28

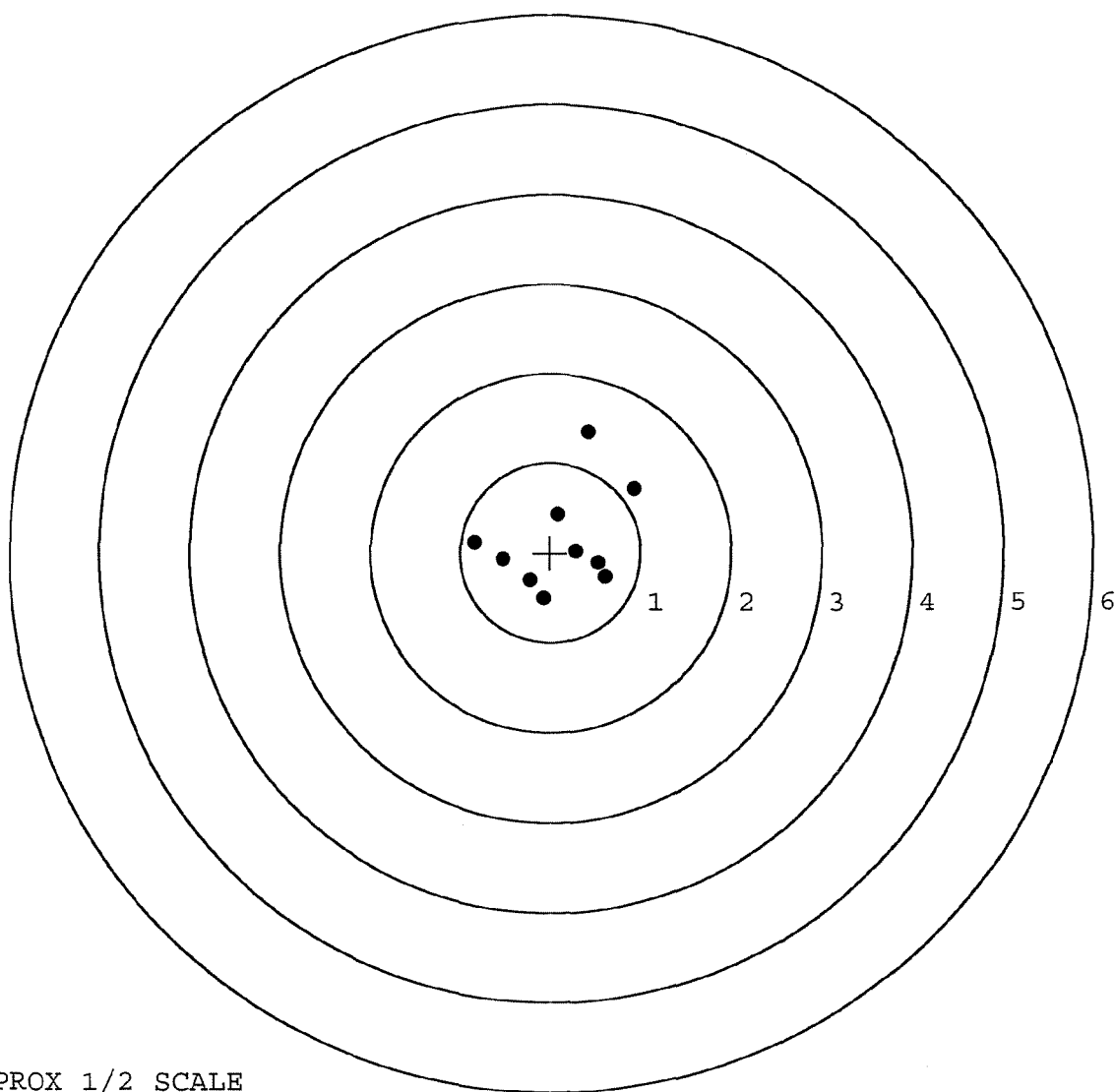
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.025
The Average Y Centroid of the Five Target Set:	-0.030
The Average Point of Impact of the Five Target Set:	0.039
The Average Mean Radius of the Five Target Set:	0.613
The Distance from POA to Centroid Target #1:	0.180
The Distance from Centroid Target #2 to Centroid Target #1:	0.092
The Distance from Centroid Target #3 to Centroid Target #1:	0.508
The Distance from Centroid Target #4 to Centroid Target #1:	0.181
The Distance from Centroid Target #5 to Centroid Target #1:	0.328

SERIAL NUMBER: C6349133. 0
TARGET NUMBER: 1
FILE DATE: 03/09/2003
FILE TIME: 01:28

X CENTROID: 0.120
Y CENTROID: 0.135
POA TO CENTROID: 0.180
HORZ SPREAD: 1.773
VERT SPREAD: 1.855
GROUP SPREAD: 1.922
MIN RADIUS: 0.204
MAX RADIUS: 1.243
MEAN RADIUS: 0.674
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.927	0.710
2:	0.424	1.340
3:	0.612	-0.272
4:	0.538	-0.107
5:	0.290	0.021
6:	0.082	0.431
7:	-0.078	-0.515
8:	-0.222	-0.312
9:	-0.526	-0.072
10:	-0.846	0.123

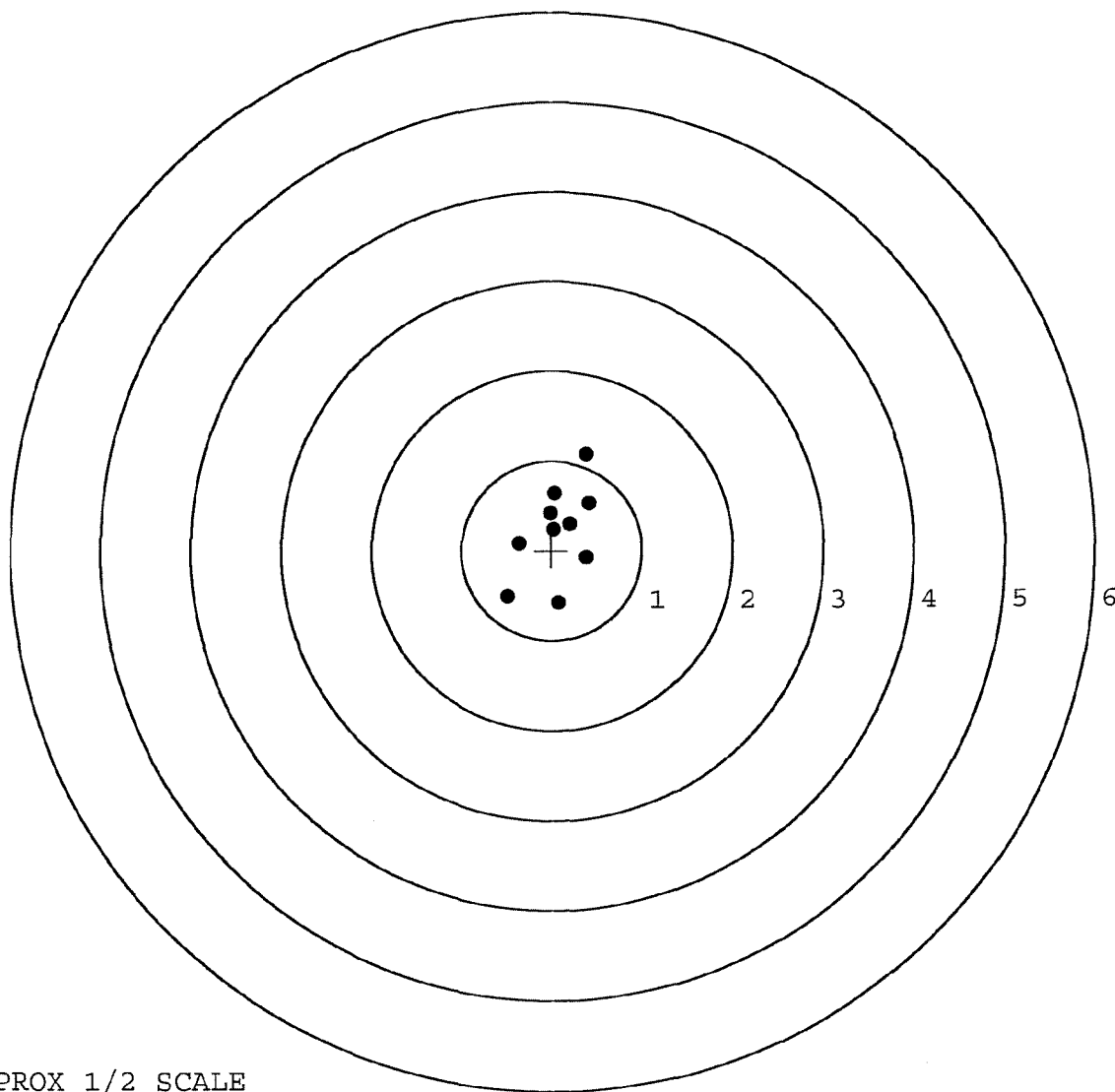


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349133. __0
TARGET NUMBER: 2
FILE DATE: 03/09/2003
FILE TIME: 01:28

X CENTROID: 0.067
Y CENTROID: 0.210
POA TO CENTROID: 0.220
HORZ SPREAD: 0.911
VERT SPREAD: 1.672
GROUP SPREAD: 1.822
MIN RADIUS: 0.047
MAX RADIUS: 0.926
MEAN RADIUS: 0.486
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.075	-0.593
2:	-0.492	-0.516
3:	0.388	1.079
4:	0.037	0.638
5:	0.419	0.527
6:	0.390	-0.078
7:	-0.359	0.082
8:	-0.018	0.419
9:	0.200	0.303
10:	0.030	0.239

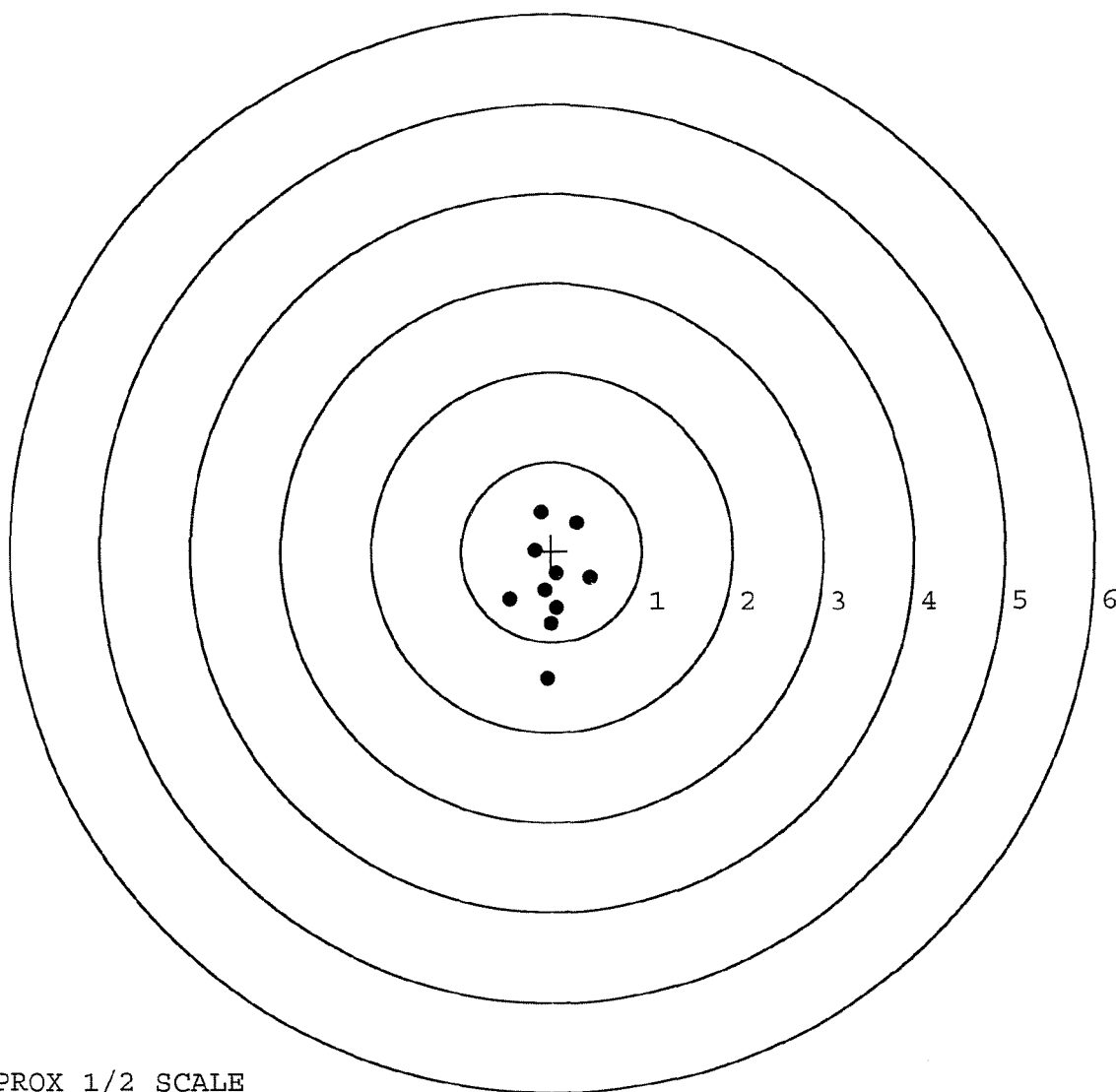


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349133. __0
TARGET NUMBER: 3
FILE DATE: 03/09/2003
FILE TIME: 01:28

X CENTROID: -0.007
Y CENTROID: -0.357
POA TO CENTROID: 0.357
HORZ SPREAD: 0.892
VERT SPREAD: 1.847
GROUP SPREAD: 1.848
MIN RADIUS: 0.103
MAX RADIUS: 1.051
MEAN RADIUS: 0.488
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.116	0.439
2:	0.281	0.324
3:	0.432	-0.289
4:	-0.049	-1.408
5:	-0.460	-0.532
6:	-0.012	-0.802
7:	0.056	-0.631
8:	-0.181	0.010
9:	0.057	-0.251
10:	-0.075	-0.434

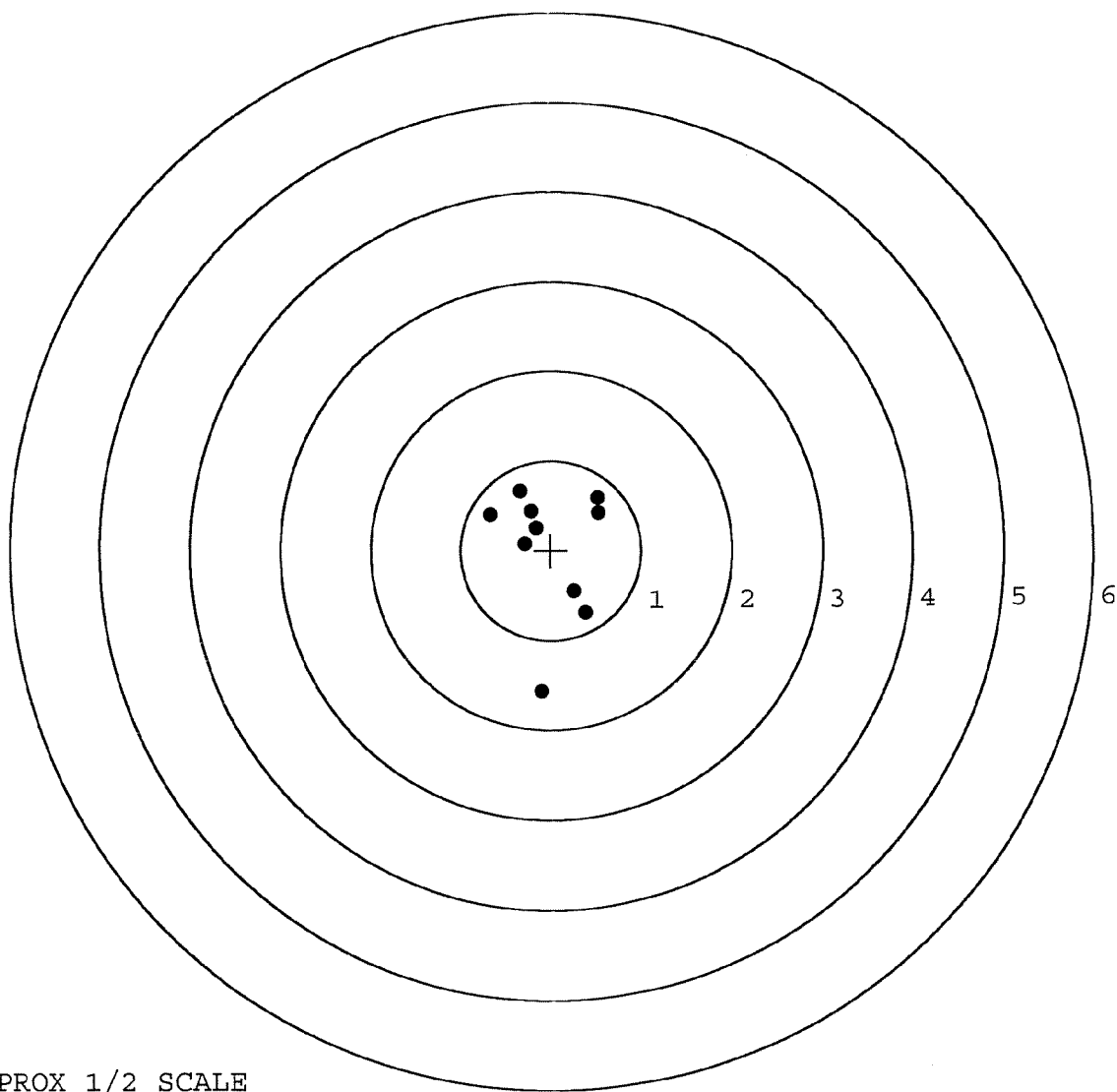


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349133. __0
TARGET NUMBER: 4
FILE DATE: 03/09/2003
FILE TIME: 01:28

X CENTROID: -0.010
Y CENTROID: 0.010
POA TO CENTROID: 0.014
HORZ SPREAD: 1.200
VERT SPREAD: 2.242
GROUP SPREAD: 2.253
MIN RADIUS: 0.286
MAX RADIUS: 1.590
MEAN RADIUS: 0.694
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.112	-1.577
2:	0.386	-0.694
3:	0.255	-0.455
4:	0.528	0.415
5:	0.520	0.583
6:	-0.291	0.067
7:	-0.164	0.251
8:	-0.336	0.665
9:	-0.672	0.401
10:	-0.218	0.440



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349133.___0

TARGET NUMBER: 5

FILE DATE: 03/09/2003

FILE TIME: 01:28

X CENTROID: -0.046

Y CENTROID: -0.149

POA TO CENTROID: 0.156

HORZ SPREAD: 2.440

VERT SPREAD: 2.028

GROUP SPREAD: 2.560

MIN RADIUS: 0.182

MAX RADIUS: 1.407

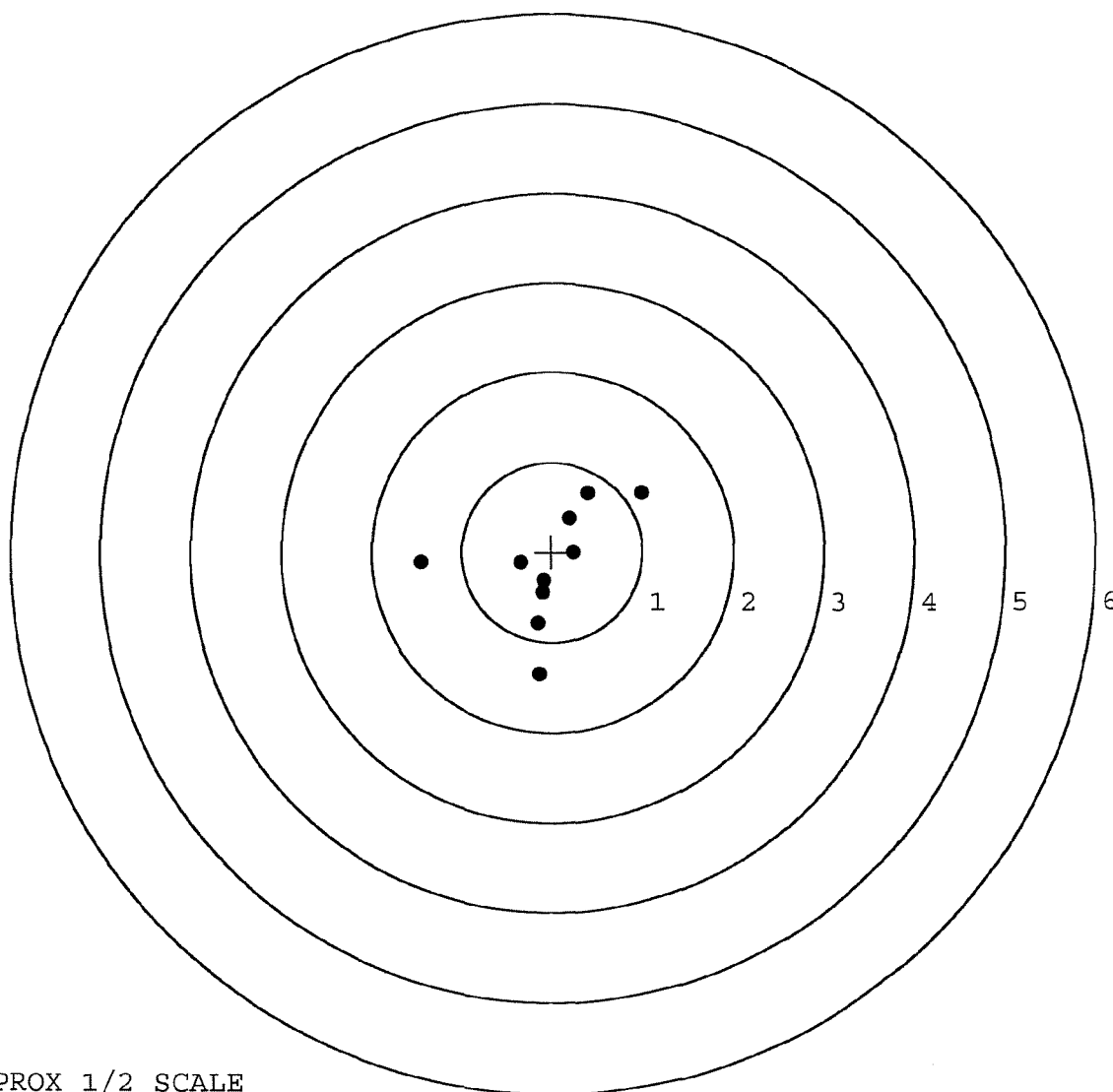
MEAN RADIUS: 0.722

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.136	-1.364
2:	-0.159	-0.796
3:	-0.101	-0.458
4:	-0.087	-0.326
5:	-0.346	-0.124
6:	-1.452	-0.115
7:	0.988	0.661
8:	0.398	0.664
9:	0.195	0.378
10:	0.245	-0.009



TARGET APPROX 1/2 SCALE

FINAL INSPECTION CHECKLIST M-24 REPAIRS
CONTRACT #: DAAE-20-02-D-0127

SERIAL # C 6349133

INSPECTED BY: RTL

DATE REC'D: 2-10-03

DATE RET'D: 3-8-03

ITEM

BARREL ASSEMBLY

☒ BARREL
☒ RECEIVER
☒ FRONT SIGHT BASE
☒ REAR SIGHT BASE
☒ SCREWS
☒ FINISH

SCOPE ASSEMBLY

☒ SCOPE
☒ SCOPE RINGS
☒ MOUNTING SCREWS
☒ MOUNTING BASE
☒ SCREWS
☒ FINISH
☒ CLARITY

ITEM

STOCK ASSEMBLY

☒ STOCK
☒ SLING AWIVEL STUDS
☒ ADJUSTABLE
☒ BUTT PLATE
☒ LOCK NUTS
☒ BARREL CLEARANCE
☒ COLOR / FINISH

SYSTEMS CASE

☒ SCOPE CASE
☒ IRON SIGHTS
☒ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

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

R & E NUMBER	61389		
SERIAL NUMBER	C6 349133		
LOG-IN DATE	2-9-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-11-03	RW
560 A	RE-BARREL	2-12-03	RTL
B	DRILL AND TAP	2-20-03	TRW
575	ASSEMBLE	2-13-03	RTL
600	PROOF	2-13-03	A
605	CHECK HEADSPACE	2-13-03	A
610	DIS-ASSEMBLE GUN	2-14-03	RTL
612	MAGNAFLUX	2-19-03	RW
615	ROLLMARK CALIBER	2-26-03	JA
618	ROTO-BLAST	3-3	A
620	APPLY COATINGS	3-7-03	RTL
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-7-03	RW
655	FINAL INSPECT	3-8-03	RTL
660	PACK	3-8-03	JA
		SHIP DATE	
QAR INSPECTION DATE			

RECEIVING AND ESTIMATING REPORT

COMMENTS

2-5-96

ORDER

R 96-02010

INITIAL		CUSTOMER ORDER NO.		W/LEUPOLD 10X SCOPE W/BI-POD W/DEPLOYMENT KIT		
DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE	
01/16/96	01/17/96		C6349133		700 7.62 NATO	
ACCESSORIES		HARD CASE		SCOPE MNTS		SCOPE BASE

FROM: SHIP TO:

US ARMY
1/17 INF BDE
FT WAINWRIGHT

AK 99703

US ARMY
1/17 INF BDE
FT WAINWRIGHTAK
99703

CUST NO: 135899 C.O.D.

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					
W52H095325 #242	Repower Coat Trigger Guard					
Barrel - 96003	ASSY front + Rear Sight					
Stock - 96018	Bases					
Mag Spring - 15677	Reinforce Scope Base & Swivel					
Mag Follower - 96014	Studs, Scope Rings					
Scope Adjust Dial Dust Cover (3)	96042					
Scope Dust Cover front & Rear	96043 + 96044					
Bi pod - 96117						
REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN	
RW	✓	✓	✓	✓	✓	
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE	
RW	1/22/96	2/1/96	2/1	2/1		

OFFICE COPY

RD5925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400136597

CONTRACT # DAAA21-87-C-0086

New Barrel
Stock

GUN SERIAL # C6349133

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		1/22/96	RW
600	Proof		1/22/96	RW
607	Check Headspace		1/22/96	RW
610	Dis-assemble Gun		1/22/96	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/31/96	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/31/96	RW
	C) Inspect Ejector Hole for Chamfer		1/31/96	RW
	D) Oil Firing Pin Ass'y		1/31/96	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force			
	G) Safety Off Force			
	H) Trigger Pull Test & Retainability			
	I) Firing Pin Indent			
	J) Assemble Stock		1/31/96	Rw
	K) Assemble Swivel Studs			
	L) Attach Front and Rear Sight Assemblies			
	M) Iron Sight Alignment			
	N) Detach Front & Rear Sights & place in numbered container			
	O) Attach Scope to Rifle			
	P) Detach & Attach Scope 20 Times			
640	Gallery Target & Test		2/1/96	RA
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		2/1/96	RA
655	Final Inspection			
	A) Headspace		2/2/96	Rw
	B) Trigger Pull			
	C) Function		2/2/96	Rw
660	Pack			

Final Inspection

Sn: C6349133

DATE REC'D: 1/17/96

DATE RET'D:

Auditor: 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:

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349133
3 Jan 1900

CENTROIDAL DISTANCES

0 TO	1	.989346
1 TO	2	.303402
1 TO	3	.51957
1 TO	4	.25005
1 TO	5	.360218

3
4
2

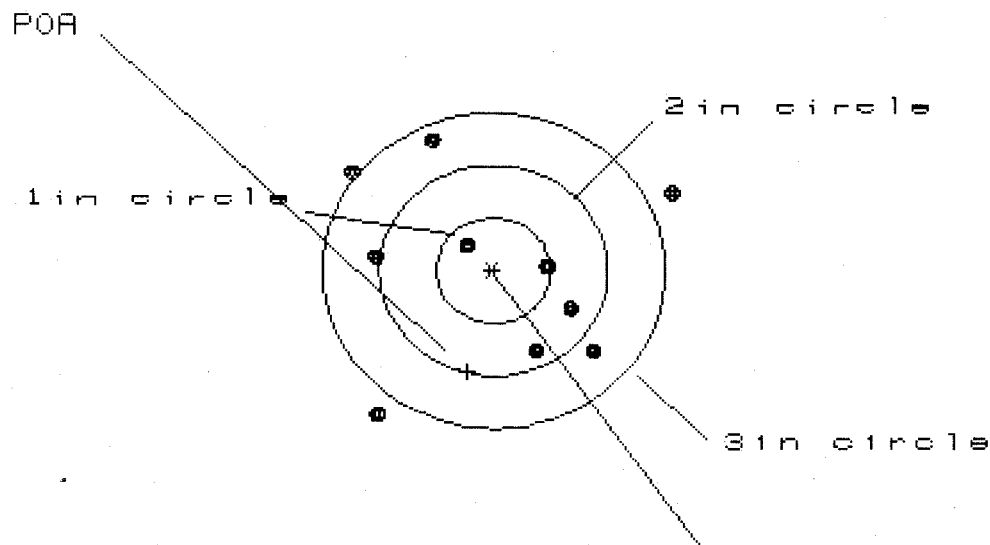
+ (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1018
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.0456
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.05054
THE AMR FOR THIS RIFLE IS: .976

2 Jan 1908

FILE:/PATTERNING/CENTERFIRE_PATT/06349133

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 1

2in - 5

3in = 7

HS- 2.741

VS= 2.640

GS= 3.322

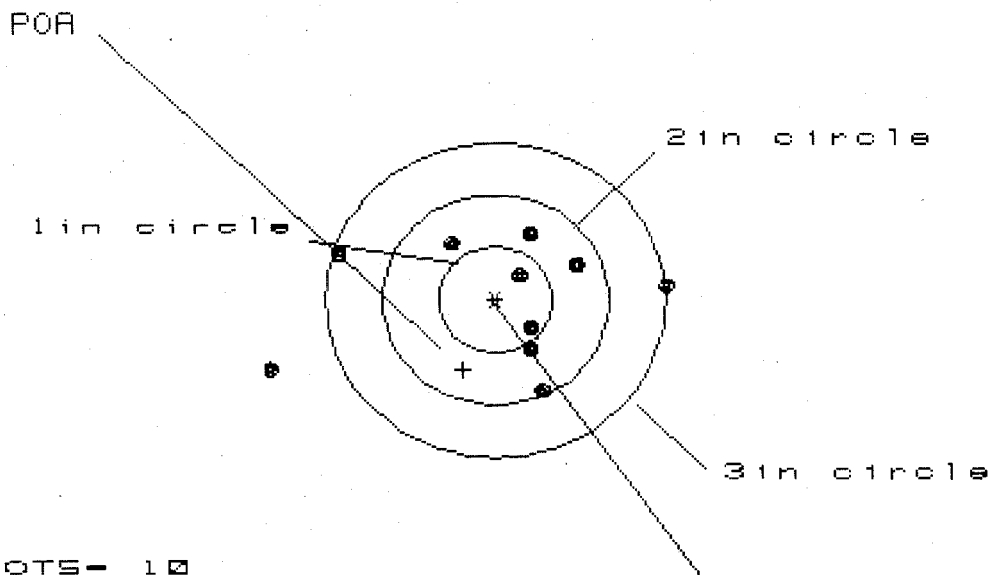
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.546	1.063	.955
MINIMUM X	:	-1.195	-1.023	-1.131
MAXIMUM Y	:	1.282	1.363	1.204
MINIMUM Y	:	-1.358	-1.277	-.871
CENTROID X	:	.231	.059	.167
CENTROID Y	:	.962	.881	1.040
POA TO CENTROID in.:	:	.989	.883	1.054

MIN RADIUS	:	.336	.308	.237
MEAN RADIUS	:	1.092	1.025	.938
MAX RADIUS	:	1.710	1.543	1.413
HORIZONTAL SPREAD	:	2.741	2.086	2.086
VERTICAL SPREAD	:	2.640	2.640	2.075
EXTREME SPREAD	:	3.322	2.698	2.684
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=			

2 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/06349133

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in - 2

2in - 7

3in = 8

HS- 3.554

VS= 1.496

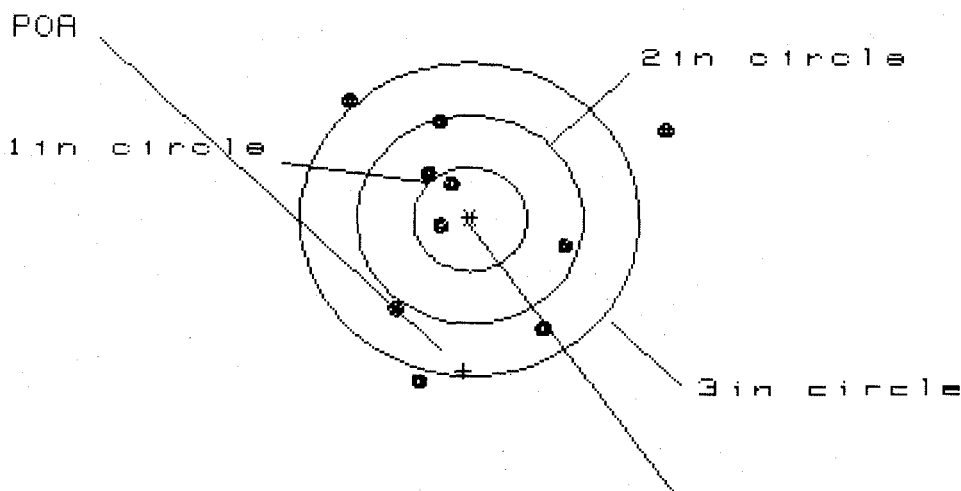
GS= 3.647

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.541	1.317	.613
MINIMUM X	:	-2.013	-1.587	-1.422
MAXIMUM Y	:	.590	.515	.524
MINIMUM Y	:	-.906	-.981	-.972
CENTROID X	:	.288	.512	.347
CENTROID Y	:	.664	.739	.730
POA TO CENTROID in.	:	.724	.899	.808
MIN RADIUS	:	.333	.152	.245
MEAN RADIUS	:	.950	.758	.709
MAX RADIUS	:	2.121	1.630	1.473
HORIZONTAL SPREAD	:	3.554	2.904	2.035
VERTICAL SPREAD	:	1.496	1.496	1.496
EXTREME SPREAD	:	3.647	2.920	2.199
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06349133

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

CENTROID #

IN CIR

1in = 2

2in = 5

3in = 7

HS= 2.773

VS= 2.678

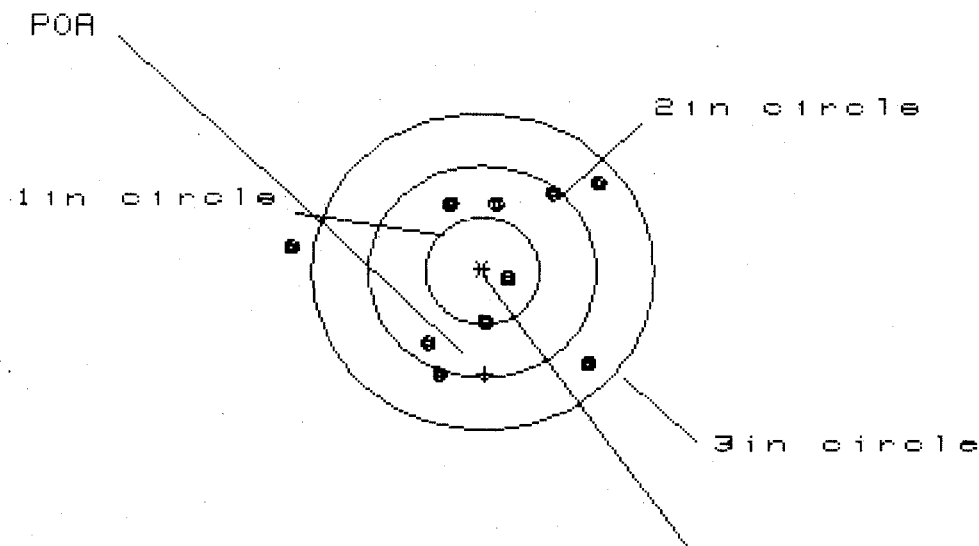
GS= 3.225

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.735	1.027	.987
MINIMUM X	:	-1.038	-.846	-.886
MAXIMUM Y	:	1.167	1.256	1.078
MINIMUM Y	:	-1.511	-1.422	-1.118
CENTROID X	:	.064	-.128	-.088
CENTROID Y	:	1.454	1.365	1.543
POA TO CENTROID in.:	:	1.456	1.371	1.545
MIN RADIUS	:	.276	.071	.204
MEAN RADIUS	:	1.033	.910	.816
MAX RADIUS	:	1.911	1.514	1.395
HORIZONTAL SPREAD	:	2.773	1.873	1.873
VERTICAL SPREAD	:	2.678	2.678	2.196
EXTREME SPREAD	:	3.225	2.737	2.737
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6349133

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.694

VS= 1.817

GS= 2.767

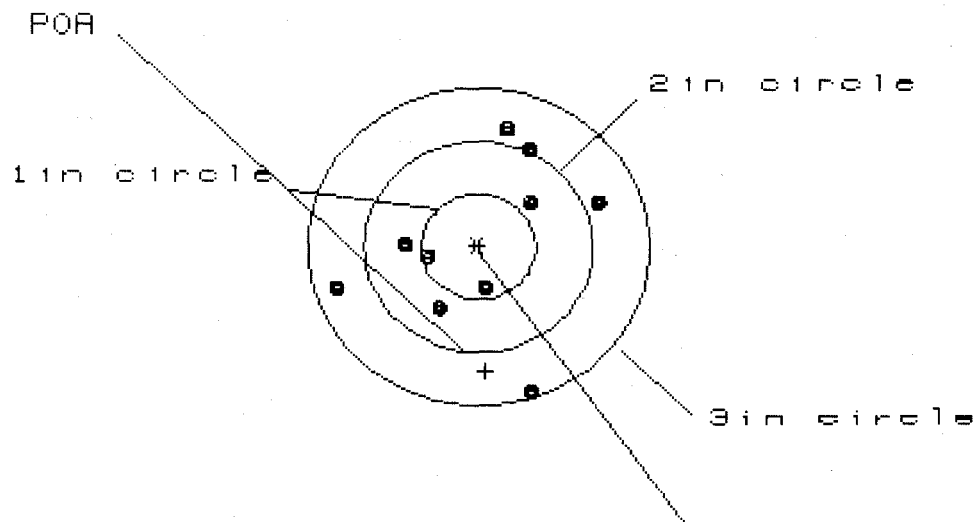
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.052	.869	.807
MINIMUM X	:	-1.642	-.693	-.584
MAXIMUM Y	:	.856	.885	.898
MINIMUM Y	:	-.961	-.932	-.821
CENTROID X	:	-.019	.164	.055
CENTROID Y	:	.967	.938	.827
POA TO CENTROID in.	:	.967	.952	.829
MIN RADIUS	:	.247	.095	.146
MEAN RADIUS	:	.922	.820	.754
MAX RADIUS	:	1.663	1.240	1.093
HORIZONTAL SPREAD	:	2.694	1.562	1.391
VERTICAL SPREAD	:	1.817	1.817	1.719
EXTREME SPREAD	:	2.767	2.339	2.027
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			9	

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6349133

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in - 2

2in - 6

3in = 10

HS- 2.329

VS= 2.463

GS= 2.468

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.039	1.089	.934
MINIMUM X	:	-1.290	-1.240	-.774
MAXIMUM Y	:	1.076	.922	.861
MINIMUM Y	:	-1.387	-.740	-.801
CENTROID X	:	-.055	-.105	.050
CENTROID Y	:	1.181	1.335	1.396
POA TO CENTROID in.	:	1.182	1.339	1.397
MIN RADIUS	:	.429	.444	.404
MEAN RADIUS	:	.883	.816	.744
MAX RADIUS	:	1.457	1.333	.964
HORIZONTAL SPREAD	:	2.329	2.329	1.708
VERTICAL SPREAD	:	2.463	1.662	1.662
EXTREME SPREAD	:	2.468	2.458	1.770
NUMBER IN ONE INCH CIRCLE =	:	2		
NUMBER IN TWO INCH CIRCLE =	:	6		
NUMBER IN THREE INCH CIRCLE =	:	10		

Remington



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

MODEL 700TM H24

SERIAL NO.
C6349133

ORDER NO.
5716

Ø1

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off; Marca Registrada. Marque Deposee.



5716 C6349133

UPC



0 47700 25716 7

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6349133

DATE 10 Jan 90

TESTER 928

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.31	2.41	2.37	2.67	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.34	2.28	2.76	
PULL #3	2.38	2.36	2.34	2.74	
PULL #4	2.37	2.35	2.35	2.74	
PULL #5	2.37	2.31	2.23	2.80	
TOTAL	11.71	11.77	11.57		
AVG.	2.342	2.354	2.314		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.11	3.21		
PULL #2	3.11	3.08		
PULL #3	3.15	3.16		
PULL #4	3.00	3.14		
PULL #5	3.08	3.11		
TOTAL	15.45	15.70		
AVG.	3.09	3.14		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.13		3.90
PULL #2	4.15	4.04		4.00
PULL #3	4.21	4.16		4.03
PULL #4	4.22	4.17		3.98
PULL #5	4.18	4.06		4.07
TOTAL	20.94	20.56		19.98
AVG.	4.188	4.112		3.996

PC 50

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349133

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	A.C.
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun	10-9	89	RW
612	New Barrel 10/30/89 Magnaflux Barrel Action	REJECT	10/13/89	KCR
	Magnaflux Bolt		10/13/89	KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force			
	G) Safety Off Force			
	H) Trigger Pull Test & Retainability			
	I) Firing Pin Indent			
	J) Assemble Stock			
	K) Assemble Swivel Studs			
	L) Attach Front and Rear Sight Assemblies			
	M) Iron Sight Alignment			
	N) Detach Front & Rear Sights & place in numbered container			
	O) Attach Scope to Rifle			
	P) Detach & Attach Scope 20 Times			
640	Gallery Target & Test			
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo			
655	Final Inspection			
	A) Headspace			
	B) Trigger Pull			
	C) Function			
660	Pack			

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349 133

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	11-2	89	RW
600	Proof	11-2	89	K
607	Check Headspace	11-2	89	RW
610	Dis-assemble Gun	11-2	89	RW
612	Magnaflux Barrel Action	11-9-89		KCR
	Magnaflux Bolt	11-9-89		KCR
615	Rollmark Caliber		11/9/89	GS
617	Drill and Tap Sight Holes	11 9	89	JB
618	Polish Barrel RB	11 9	89	BT
620	Apply Coatings (Barrel Action)		11-17-89	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/8/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/8/90	RW
	C) Inspect Ejector Hole for Chamfer		1/8/90	RW
	D) Oil Firing Pin Ass'y		1/8/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/2/90	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			1-10-90	JH
	G) Safety Off Force	3	3	3			1-10-90	JH
	H) Trigger Pull Test & Retainability						10/11/90	JH
	I) Firing Pin Indent	.020	.021	.021			1-10-90	JH
	J) Assemble Stock						1/11/90	WB
	K) Assemble Swivel Studs						3/13/90	WB
	L) Attach Front and Rear Sight Assemblies						1-26-90	K
	M) Iron Sight Alignment						1-26-90	K
	N) Detach Front & Rear Sights & place in numbered container						1-26-90	K
	O) Attach Scope to Rifle						4/28/90	WB
	P) Detach & Attach Scope 20 Times						7/20/90	WB
640	Gallery Target & Test						2-28-90	K
	A) Time						"	K
	B) Malfunctions						"	K
	C) Pierced Primers						"	K
	D) Optical Clarity of Scope						"	K
645	Inspect for Live Ammo						2-28-90	K
655	Final Inspection						3/13/90	WB
	A) Headspace							
	B) Trigger Pull	2.67	2.76	2.74	2.74	2.80	3/13/90	WB
	C) Function						3/13/90	WB
660	Pack						20/11/90	JH

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349133
28 Feb 1990

CENTROIDAL DISTANCES

0 TO	1	.481226
1 TO	2	.357761
1 TO	3	.497076
1 TO	4	.779603
1 TO	5	1.33921

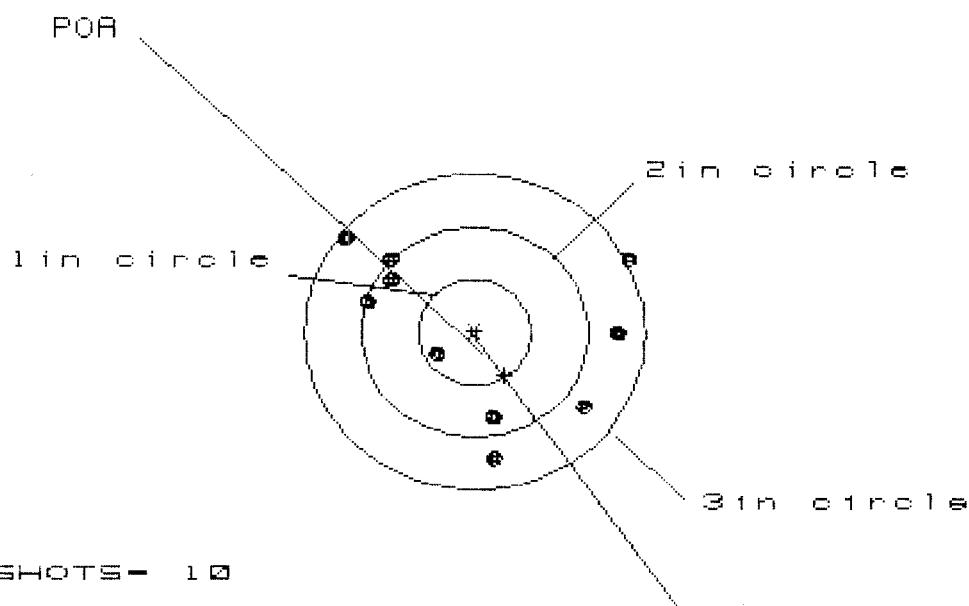
$\bar{x}_q$ <----POA
3

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0214
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.065
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0684322
THE AMR FOR THIS RIFLE IS: .9782

28 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349133

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 1

2in - 4

3in = 5

HS= 2.525

VS= 2.119

GS= 2.636

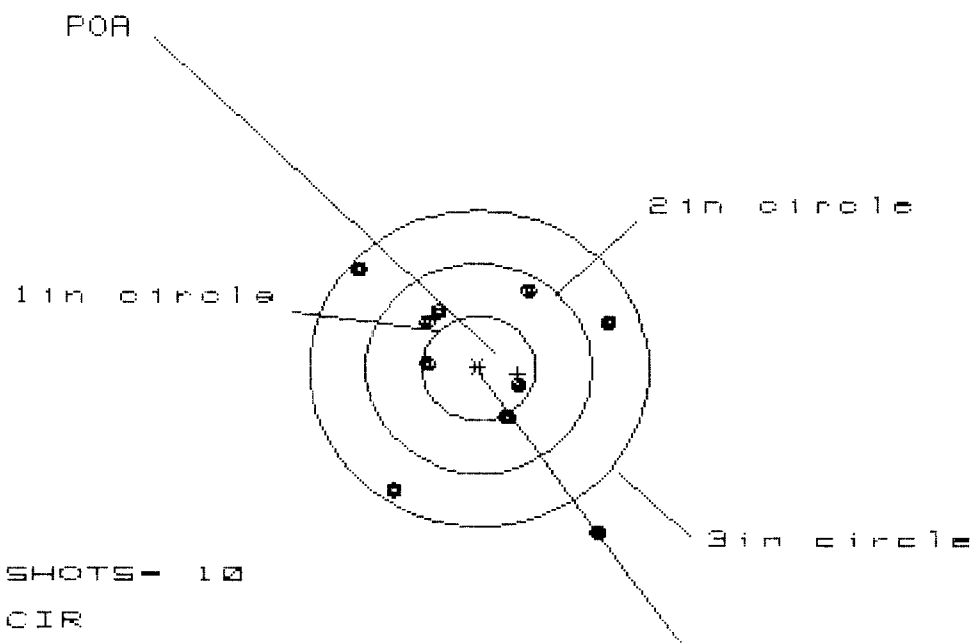
CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.371	1.378	1.252
MINIMUM X	:	-1.154	-1.001	-.913
MAXIMUM Y	:	.903	.975	.914
MINIMUM Y	:	-1.216	-1.144	-1.022
CENTROID X	:	-.263	-.416	-.290
CENTROID Y	:	.403	.331	.209
POA TO CENTROID in.	:	.481	.531	.358
MIN RADIUS	:	.396	.228	.340
MEAN RADIUS	:	1.069	.985	.938
MAX RADIUS	:	1.519	1.398	1.261
HORIZONTAL SPREAD	:	2.525	2.379	2.166
VERTICAL SPREAD	:	2.119	2.119	1.936
EXTREME SPREAD	:	2.636	2.636	2.188
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Feb 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6349133

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.152

VS= 2.508

GS= 3.240

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.104	1.215	1.098
MINIMUM X	:	-1.048	-.937	-.770
MAXIMUM Y	:	.972	.801	.685
MINIMUM Y	:	-1.536	-1.339	-1.239
CENTROID X	:	-.346	-.457	-.340
CENTROID Y	:	.055	.226	.126
POA TO CENTROID in.	:	.350	.510	.363
MIN RADIUS	:	.376	.371	.396
MEAN RADIUS	:	.932	.805	.752
MAX RADIUS	:	1.835	1.490	1.459
HORIZONTAL SPREAD	:	2.152	2.152	1.868
VERTICAL SPREAD	:	2.508	2.140	1.924
EXTREME SPREAD	:	3.240	2.500	2.500
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349133

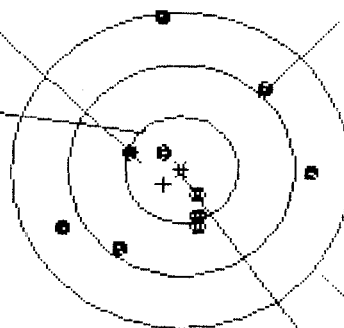
CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 5

3 in = 10

HS= 2.177

VS= 2.204

GS= 2.232

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.172	1.152	.894
MINIMUM X	:	-1.005	-1.025	-.881
MAXIMUM Y	:	1.455	.912	.930
MINIMUM Y	:	-.749	-.587	-.569
CENTROID X	:	.155	.175	.031
CENTROID Y	:	.134	-.028	-.046
POA TO CENTROID in.	:	.205	.177	.055
MIN RADIUS	:	.225	.097	.230
MEAN RADIUS	:	.772	.660	.595
MAX RADIUS	:	1.466	1.180	1.289
HORIZONTAL SPREAD	:	2.177	2.177	1.775
VERTICAL SPREAD	:	2.204	1.499	1.499
EXTREME SPREAD	:	2.232	2.232	2.177
NUMBER IN ONE INCH CIRCLE =			4	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			10	

26 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349133

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 7

HS= 2.316

VS= 2.931

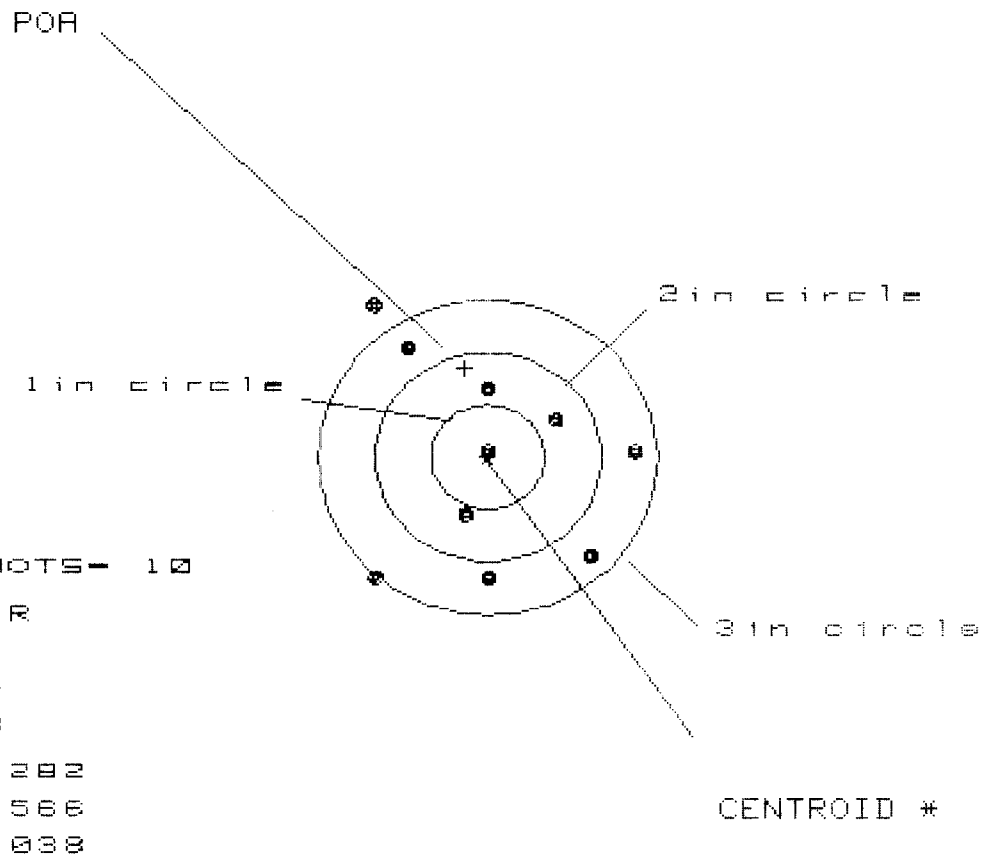
GS= 3.399

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.262	1.354	1.237
MINIMUM X	:	-1.054	-.962	-1.079
MAXIMUM Y	:	1.353	1.178	1.314
MINIMUM Y	:	-1.578	-1.287	-1.151
CENTROID X	:	.362	.270	.387
CENTROID Y	:	-.063	.112	-.024
POA TO CENTROID in.	:	.368	.292	.388
MIN RADIUS	:	.104	.165	.058
MEAN RADIUS	:	1.098	1.032	.944
MAX RADIUS	:	1.783	1.607	1.578
HORIZONTAL SPREAD	:	2.316	2.316	2.316
VERTICAL SPREAD	:	2.931	2.465	2.465
EXTREME SPREAD	:	3.399	2.981	2.981
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

28 Feb 1990

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 2.282

VS= 2.566

GS= 3.038

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.285	1.174	1.038
MINIMUM X	:	-.997	-1.091	-.918
MAXIMUM Y	:	1.430	1.258	1.135
MINIMUM Y	:	-1.136	-.977	-1.083
CENTROID X	:	.199	.310	.446
CENTROID Y	:	-.854	-1.013	-.890
POA TO CENTROID in.	:	.877	1.059	.996
MIN RADIUS	:	.081	.274	.304
MEAN RADIUS	:	1.020	.941	.864
MAX RADIUS	:	1.743	1.481	1.460
HORIZONTAL SPREAD	:	2.282	2.265	1.956
VERTICAL SPREAD	:	2.566	2.235	2.218
EXTREME SPREAD	:	3.038	2.576	2.576
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	