

06587649

MODEL 700™ M24

Model **S4S**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

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: **RE00130513**

Serial: C6587649 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: New 6/19/2007 7:37:11 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: C CO 2/3D SFG (A)

C CO 2/3D SFG (A)

Address 1: E-1650 KUWAIT STREET

E-1650 KUWAIT STREET

Address 2: ATTN: MARIO NARANJO

PO Box:

ATTN: MARIO NARANJO

PO Box:

City: FT. BRAGG

FT. BRAGG

State: NC

Zip Code: 28310

Country: US

State: NC

Zip Code: 28310

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

magletj

6/19/2007

7:47 AM

CAPS

NUM

INS

SCRL

start

Inbox - Micros...

Calendar - Mic...

Calendar - Mic...

Arms Services ...

7:47 AM

Serial Number: **C6587649**

Model: **M24 SWS**



RE00130513

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587649.___0
FILE DATE AND TIME: 07/20/2007 23:01

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.068
The Average Y Centroid of the Five Target Set:	-0.041
The Average Point of Impact of the Five Target Set:	0.080
The Average Mean Radius of the Five Target Set:	0.592
The Distance from POA to Centroid Target #1:	0.198
The Distance from Centroid Target #2 to Centroid Target #1:	0.098
The Distance from Centroid Target #3 to Centroid Target #1:	0.249
The Distance from Centroid Target #4 to Centroid Target #1:	0.335
The Distance from Centroid Target #5 to Centroid Target #1:	0.184

SERIAL NUMBER: C6587649. __0

TARGET NUMBER: 1

FILE DATE: 07/20/2007

FILE TIME: 23:01

POINT#	X	Y
1:	0.549	0.879
2:	0.278	0.412
3:	0.301	-0.019
4:	0.455	-0.119
5:	-0.038	-0.386
6:	-0.215	-0.608
7:	-0.061	-0.775
8:	-0.725	0.195
9:	-0.188	0.341
10:	-0.750	-1.860

X CENTROID: -0.039

Y CENTROID: -0.194

POA TO CENTROID: 0.198

HORZ SPREAD: 1.299

VERT SPREAD: 2.739

GROUP SPREAD: 3.031

MIN RADIUS: 0.192

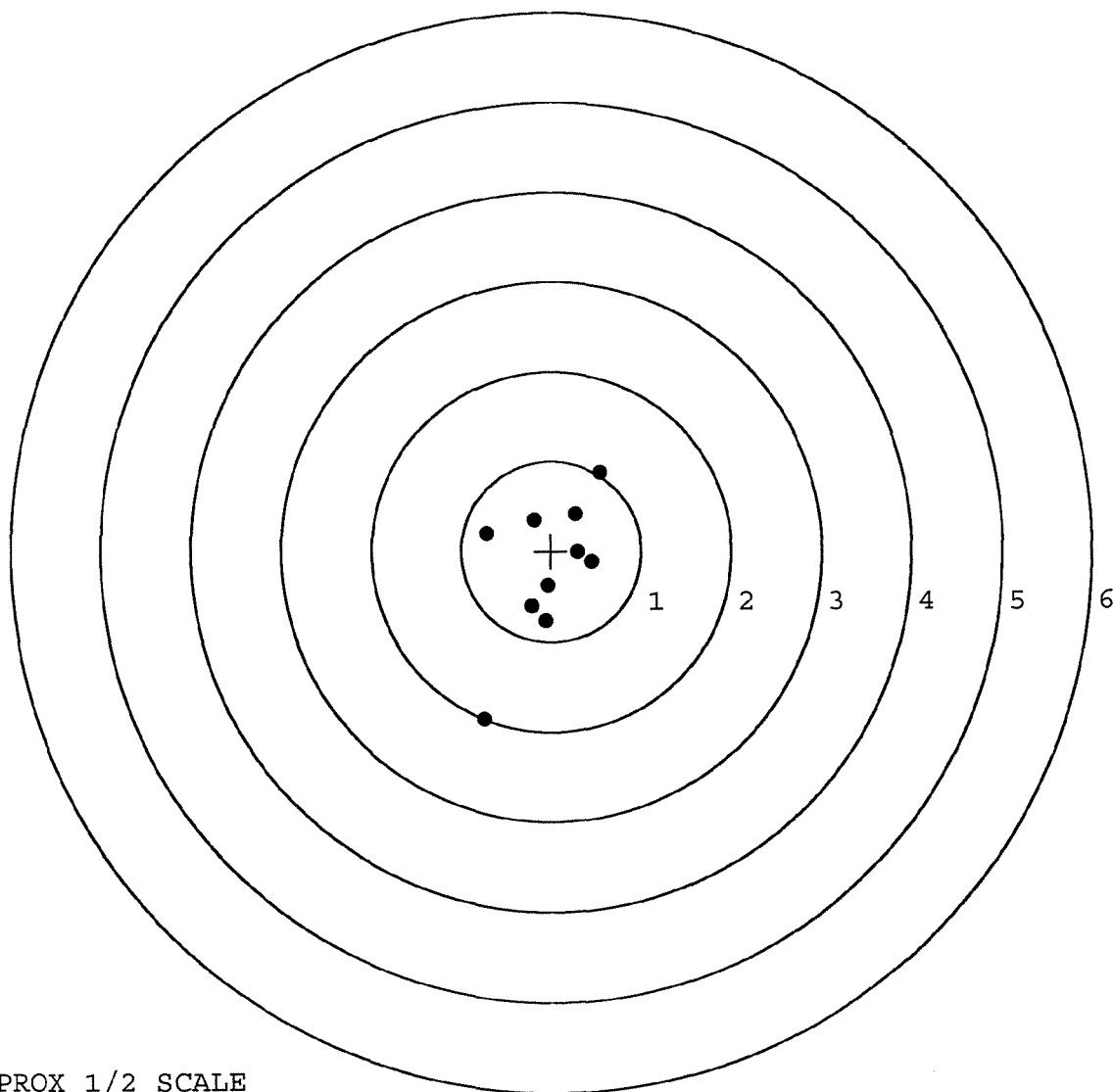
MAX RADIUS: 1.811

MEAN RADIUS: 0.717

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

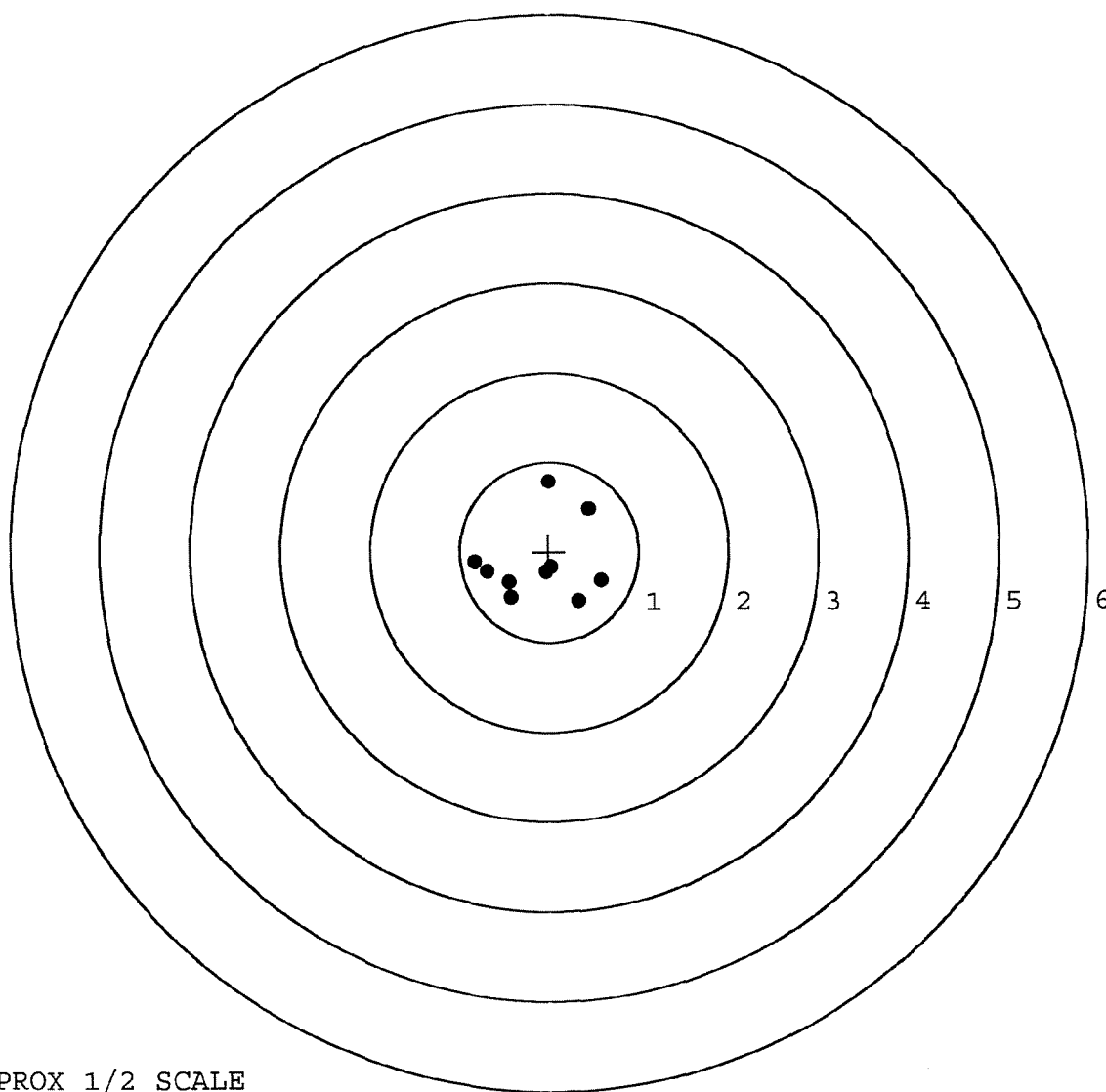


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587649. __0
TARGET NUMBER: 2
FILE DATE: 07/20/2007
FILE TIME: 23:01

X CENTROID: -0.106
Y CENTROID: -0.122
POA TO CENTROID: 0.162
HORZ SPREAD: 1.410
VERT SPREAD: 1.325
GROUP SPREAD: 1.367
MIN RADIUS: 0.127
MAX RADIUS: 0.903
MEAN RADIUS: 0.555
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.009	0.775
2:	0.445	0.477
3:	0.583	-0.326
4:	0.327	-0.550
5:	0.026	-0.177
6:	-0.433	-0.513
7:	-0.448	-0.346
8:	-0.691	-0.220
9:	-0.827	-0.115
10:	-0.037	-0.229

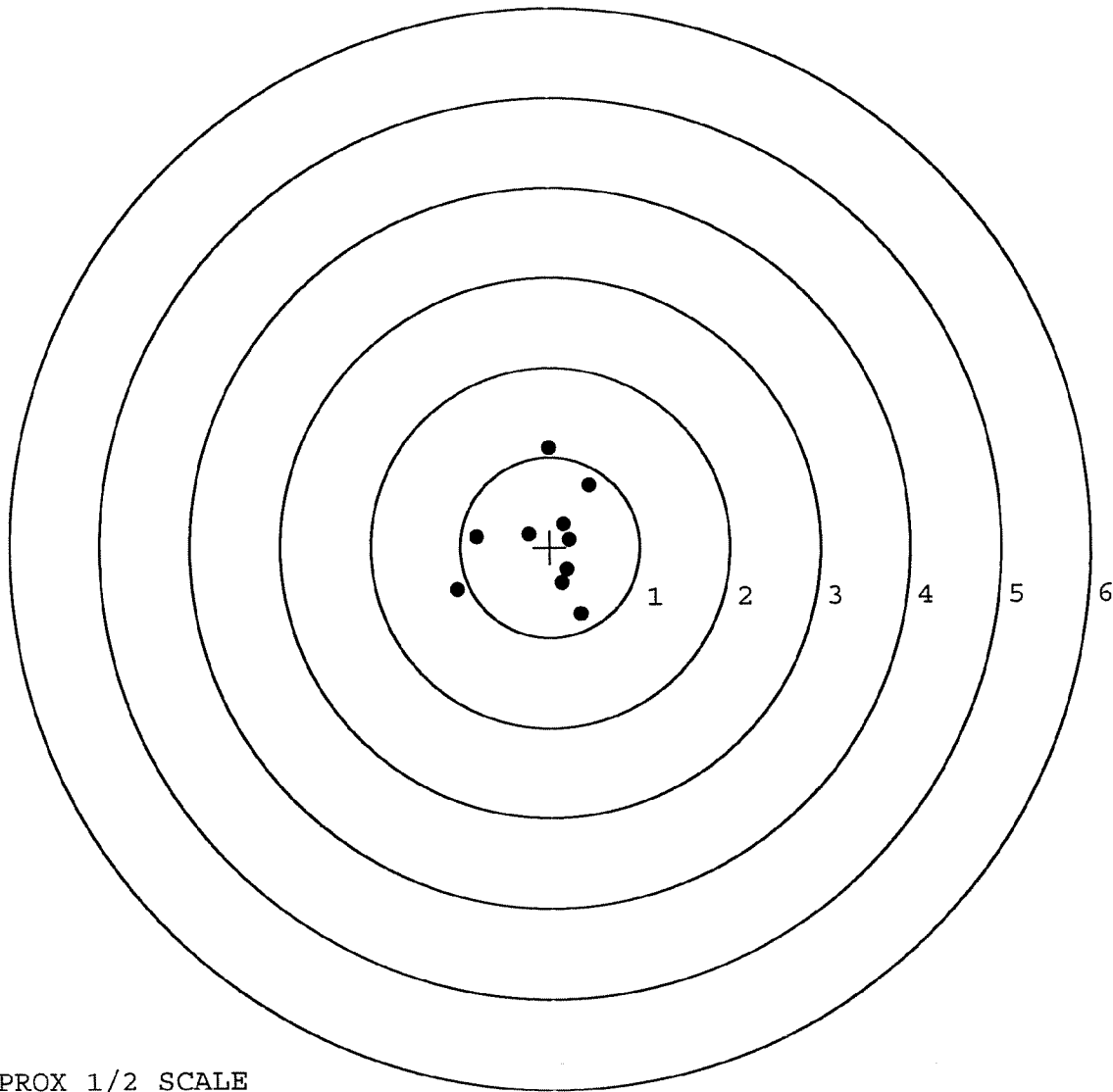


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587649. __0
TARGET NUMBER: 3
FILE DATE: 07/20/2007
FILE TIME: 23:01

X CENTROID: -0.061
Y CENTROID: 0.054
POA TO CENTROID: 0.082
HORZ SPREAD: 1.478
VERT SPREAD: 1.847
GROUP SPREAD: 1.879
MIN RADIUS: 0.196
MAX RADIUS: 1.105
MEAN RADIUS: 0.628
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.008	1.106
2:	0.443	0.692
3:	0.156	0.256
4:	0.215	0.082
5:	0.193	-0.247
6:	0.137	-0.397
7:	0.341	-0.741
8:	-0.235	0.144
9:	-0.819	0.114
10:	-1.035	-0.467

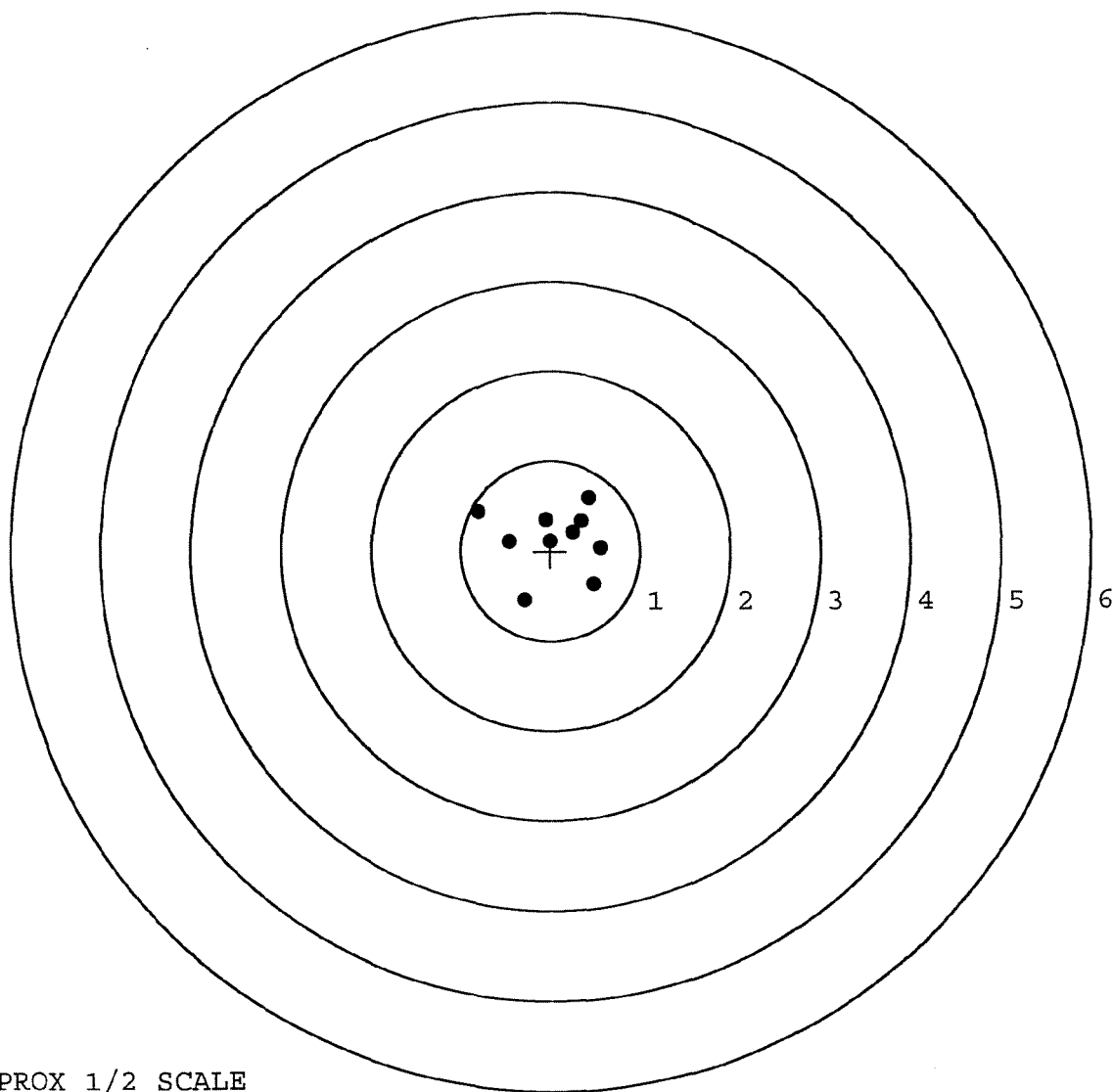


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587649. __0
TARGET NUMBER: 4
FILE DATE: 07/20/2007
FILE TIME: 23:01

X CENTROID: 0.046
Y CENTROID: 0.130
POA TO CENTROID: 0.138
HORZ SPREAD: 1.368
VERT SPREAD: 1.146
GROUP SPREAD: 1.524
MIN RADIUS: 0.046
MAX RADIUS: 0.910
MEAN RADIUS: 0.482
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.427	0.600
2:	-0.807	0.446
3:	-0.456	0.111
4:	-0.289	-0.546
5:	0.485	-0.363
6:	0.561	0.042
7:	0.342	0.335
8:	-0.054	0.353
9:	0.006	0.108
10:	0.248	0.212



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587649. __0

TARGET NUMBER: 5

FILE DATE: 07/20/2007

FILE TIME: 23:01

POINT#	X	Y
1:	-1.304	-0.549
2:	-1.003	-0.427
3:	0.179	-0.708
4:	0.678	0.175
5:	0.321	0.076
6:	0.087	0.216
7:	0.047	-0.082
8:	-0.325	0.026
9:	-0.328	0.357
10:	-0.146	0.170

X CENTROID: -0.179

Y CENTROID: -0.075

POA TO CENTROID: 0.194

HORZ SPREAD: 1.982

VERT SPREAD: 1.065

GROUP SPREAD: 2.110

MIN RADIUS: 0.177

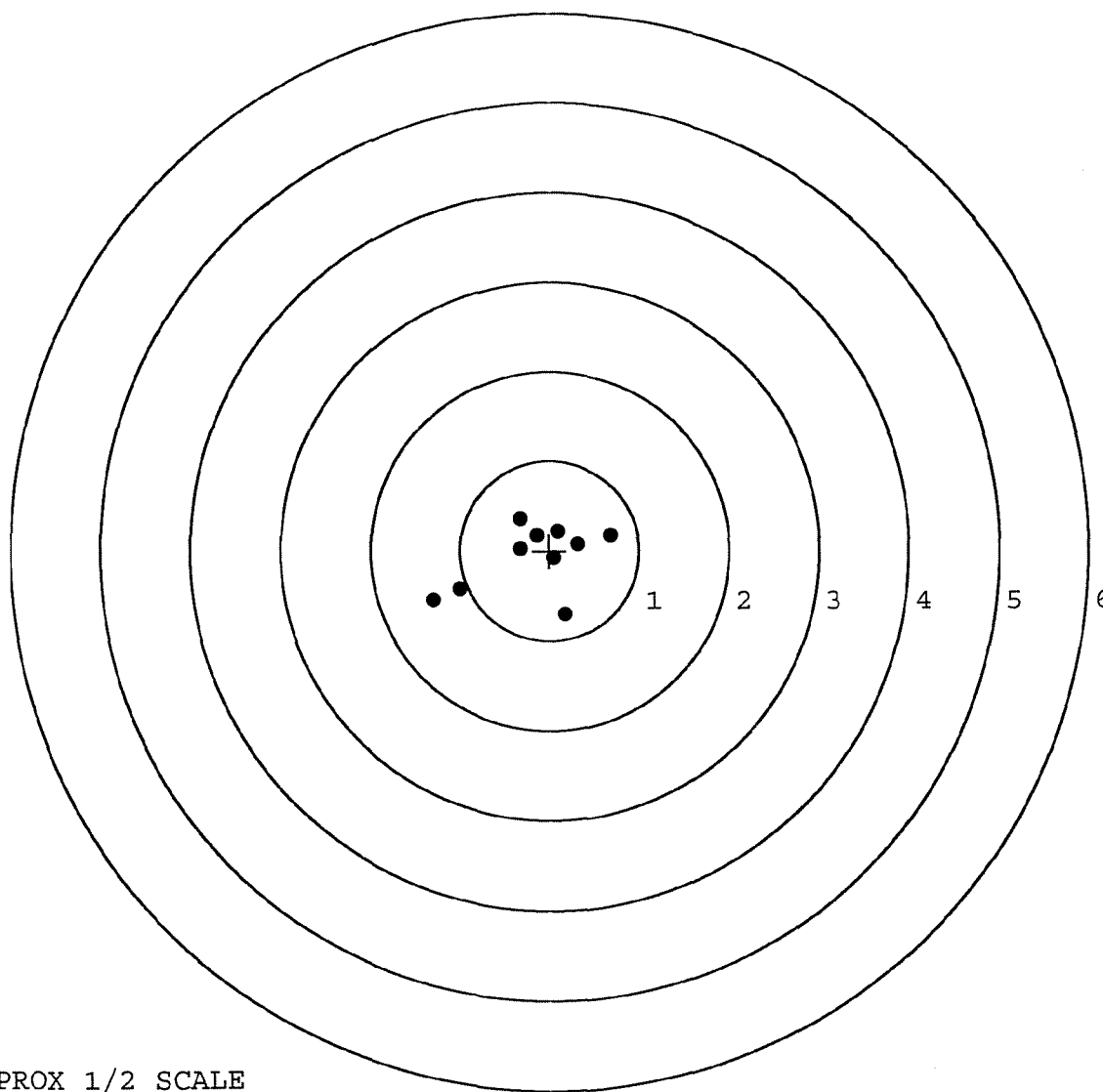
MAX RADIUS: 1.221

MEAN RADIUS: 0.576

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER		00130513		
SERIAL NUMBER		C 6587649		
LOG-IN DATE		6-26-07		
OPERATION #	OPERATION NAME	DATE	INITIAL	
500	DIS-ASSEMBLE GUN	6-26-07	R.P.D.	
505	RE-BARREL	6-28-07	R.P.D.	
560	ASSEMBLE	7-9-07	RTZ	
600	PROOF	7-10-07	TRW	
605	CHECK HEADSPACE	7-10-07	TRW	
610	DIS-ASSEMBLE GUN	7-11-07	RTZ	
612	MAGNAFLUX	7-12-07	WMS	
510	DRILL AND TAP	7-11-07	SD	
615	ROLLMARK CALIBER	7-12-07	CW	
618	ROTO-BLAST	7-12-07	CB	
620	APPLY COATINGS	7-13-07	BS	
625	FINAL ASSEMBLY	7-19-07	R.P.D.	
640	FUNCTION TEST AND	7-20-07	TRW	
650	TARGET	7-20-07	TRW	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION	7-20-07	Fm	
	A) HEADSPACE	PASS FAIL	7-24-07	DA
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	366 269 2.65 2.65 2.65 7-23-07	DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	4.5 50 50 7-23-07	DA
	G) SAFETY OFF FORCE	2 LBS MIN	2.75 25 25 7-22-07	DA
	I) FIRING PIN INDENT	.020	.022 .023 .023 7-23-07	DA
690	PACK			

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: **RE00034888** Serial: C6587649 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 11/1/01 8:13:17 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: C CO 2/3RD SFGA C CO 2/3RD SFGA

Address 1: Address 2: PG Box: PG Box:

City: FORT BRAGG FORT BRAGG

State: NC Zip Code: 28310 Country: US State: NC Zip Code: 28310 Country: US

FCL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information:

Phone: Fax: Email: Comments:

Received Condition:

Condition: Poor

Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	1
A016	Scope Mounts	1
A017	Scope Base	1
A026	Scope	1
A045	BiPod	1

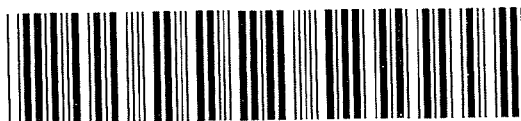
Repair Search Refresh Close

haglet 11/1/01 9:48 AM CAPS NUM INS SCPL

Start Inbox - M Calendar Microsoft NJBGS C Arms S 9:48 AM

Serial Number: **C6587649**

Model: **700**



RE00034888

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587649.___0
FILE DATE AND TIME: 11/26/2001 02:59

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.052
The Average Y Centroid of the Five Target Set:	-0.112
The Average Point of Impact of the Five Target Set:	0.123
The Average Mean Radius of the Five Target Set:	0.799
The Distance from POA to Centroid Target #1:	0.438
The Distance from Centroid Target #2 to Centroid Target #1:	0.649
The Distance from Centroid Target #3 to Centroid Target #1:	0.592
The Distance from Centroid Target #4 to Centroid Target #1:	0.548
The Distance from Centroid Target #5 to Centroid Target #1:	0.429

SERIAL NUMBER: C6587649. 0

TARGET NUMBER: 1

FILE DATE: 11/26/2001

FILE TIME: 02:59

POINT#	X	Y
1:	0.000	-0.005
2:	0.825	1.701
3:	-0.767	0.184
4:	-1.146	-0.263
5:	-0.551	-0.196
6:	-0.550	-0.389
7:	-0.412	-0.453
8:	0.010	-0.628
9:	-0.405	-1.315
10:	-0.344	-1.467

X CENTROID: -0.334

Y CENTROID: -0.283

POA TO CENTROID: 0.438

HORZ SPREAD: 1.971

VERT SPREAD: 3.168

GROUP SPREAD: 3.377

MIN RADIUS: 0.187

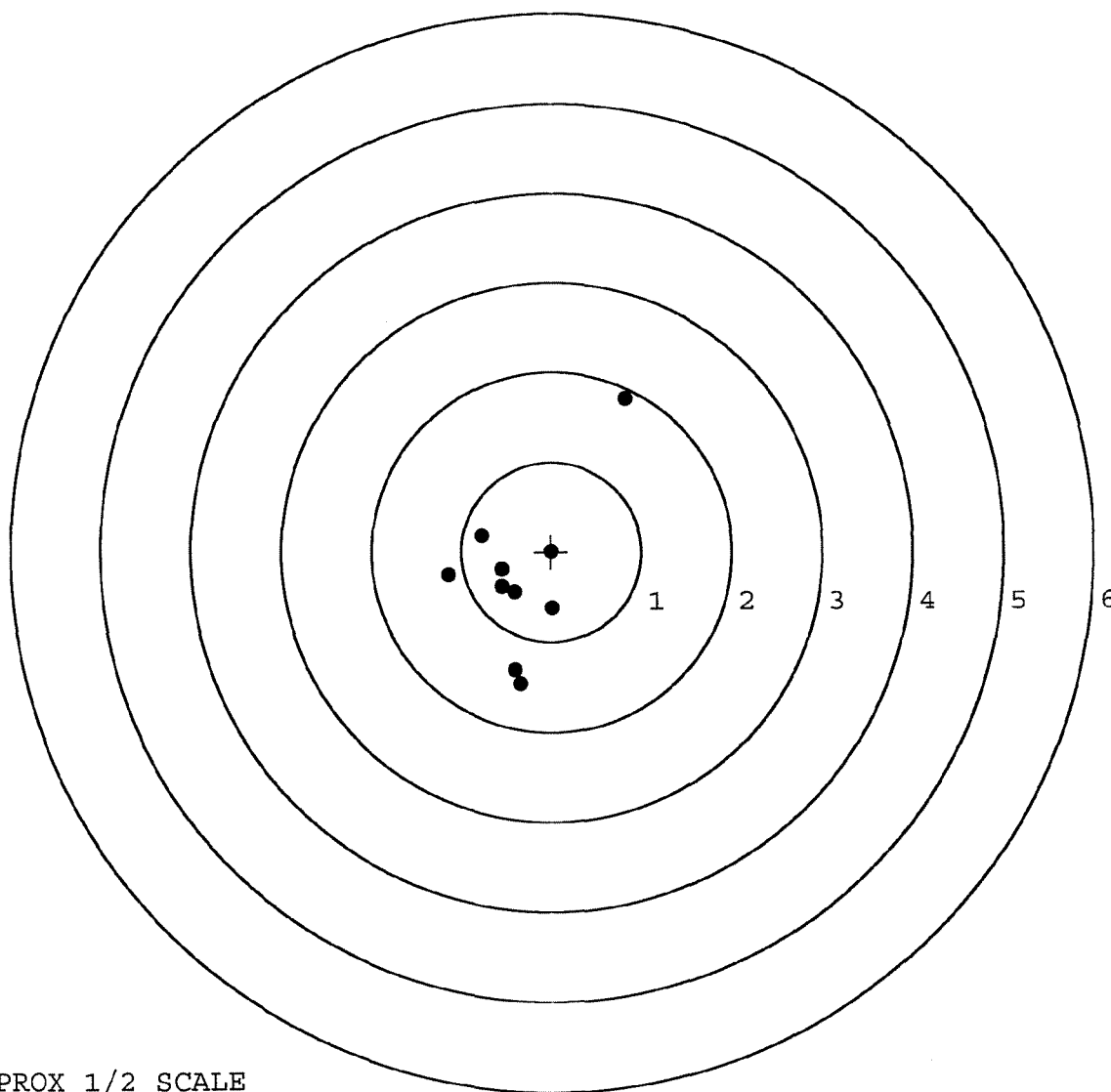
MAX RADIUS: 2.298

MEAN RADIUS: 0.755

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587649. __0

TARGET NUMBER: 2

FILE DATE: 11/26/2001

FILE TIME: 02:59

POINT#	X	Y
1:	-1.115	1.144
2:	1.288	0.872
3:	0.871	0.356
4:	0.332	0.057
5:	0.187	-0.134
6:	-0.471	-0.433
7:	0.160	-1.643
8:	0.436	-1.038
9:	0.747	-1.042
10:	0.713	-0.752

X CENTROID: 0.315

Y CENTROID: -0.261

POA TO CENTROID: 0.409

HORZ SPREAD: 2.403

VERT SPREAD: 2.787

GROUP SPREAD: 3.065

MIN RADIUS: 0.180

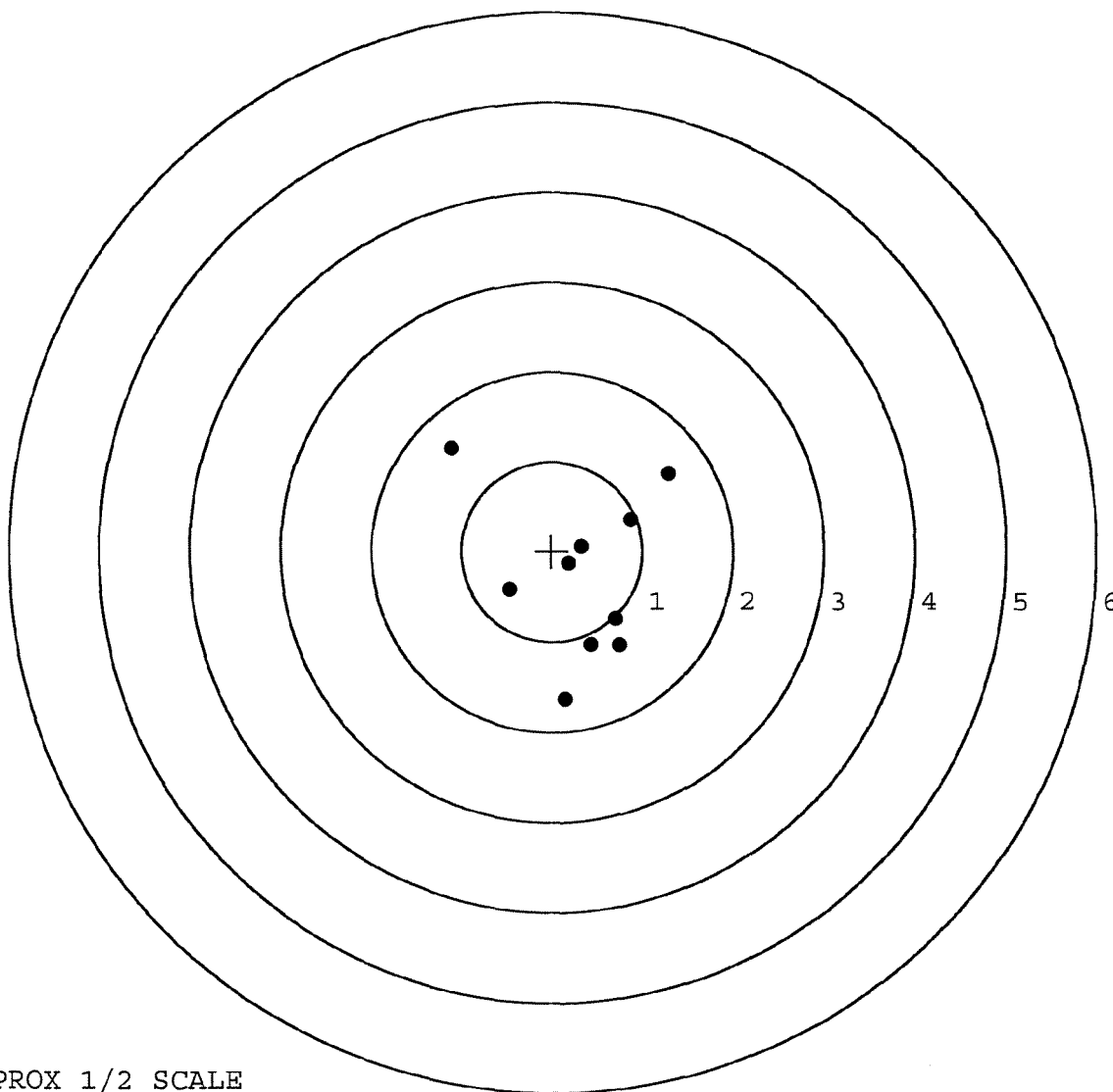
MAX RADIUS: 2.005

MEAN RADIUS: 0.933

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587649. __0

TARGET NUMBER: 3

FILE DATE: 11/26/2001

FILE TIME: 02:59

POINT#	X	Y
1:	0.636	0.667
2:	1.482	0.615
3:	-0.294	0.781
4:	-0.519	0.826
5:	-0.399	-0.017
6:	0.144	-0.290
7:	0.607	-0.072
8:	0.519	-0.708
9:	-0.184	-0.873
10:	-0.342	-0.579

X CENTROID: 0.165

Y CENTROID: 0.035

POA TO CENTROID: 0.169

HORZ SPREAD: 2.001

VERT SPREAD: 1.699

GROUP SPREAD: 2.234

MIN RADIUS: 0.326

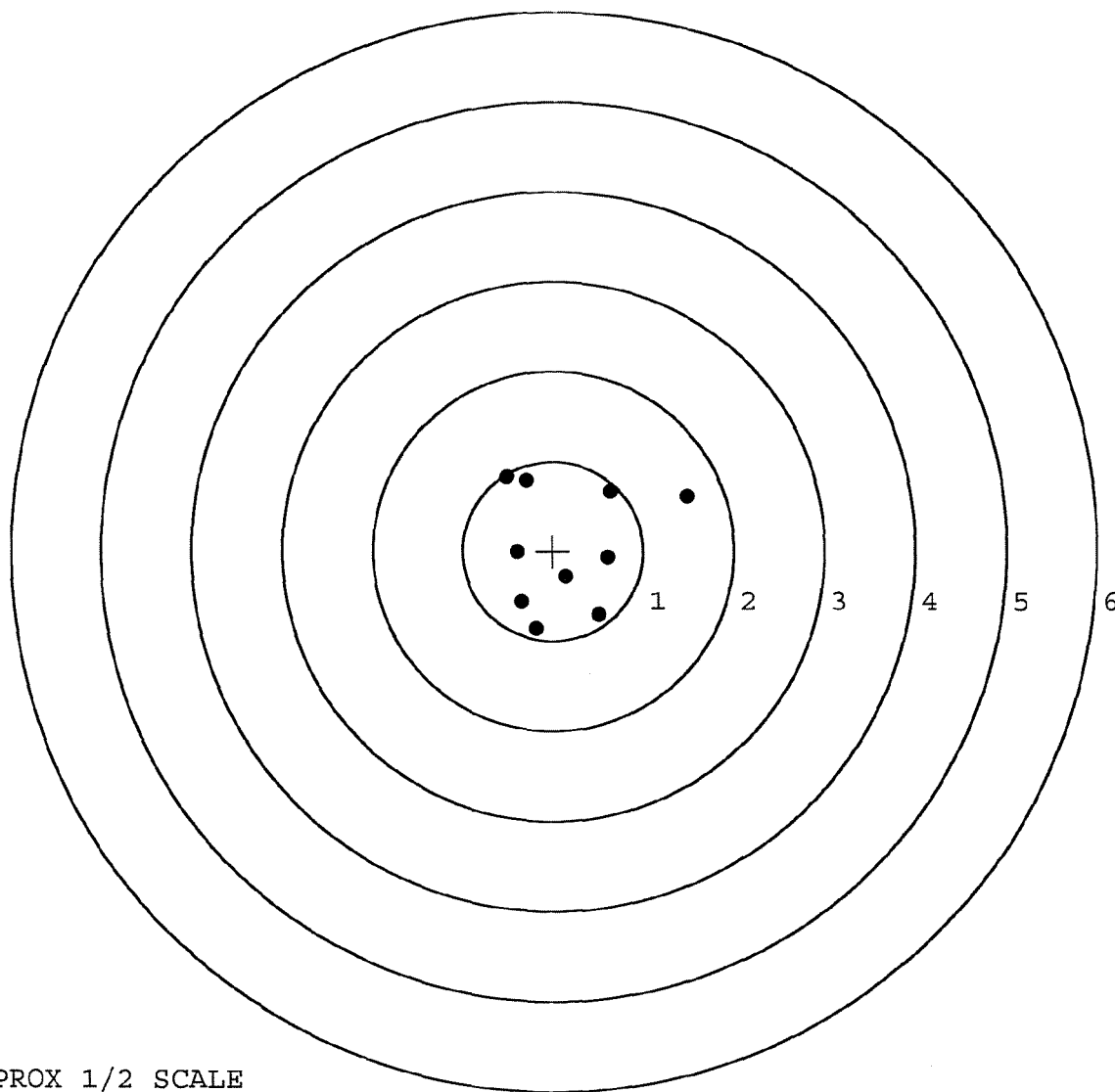
MAX RADIUS: 1.439

MEAN RADIUS: 0.809

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587649. 0

TARGET NUMBER: 4

FILE DATE: 11/26/2001

FILE TIME: 02:59

POINT#	X	Y
1:	1.336	0.972
2:	0.825	0.155
3:	1.147	-0.212
4:	-0.098	-1.155
5:	-0.311	-1.129
6:	-0.425	0.026
7:	-0.128	0.272
8:	-0.424	0.449
9:	-0.560	0.949
10:	-1.027	0.913

X CENTROID: 0.034

Y CENTROID: 0.124

POA TO CENTROID: 0.128

HORZ SPREAD: 2.363

VERT SPREAD: 2.127

GROUP SPREAD: 2.670

MIN RADIUS: 0.219

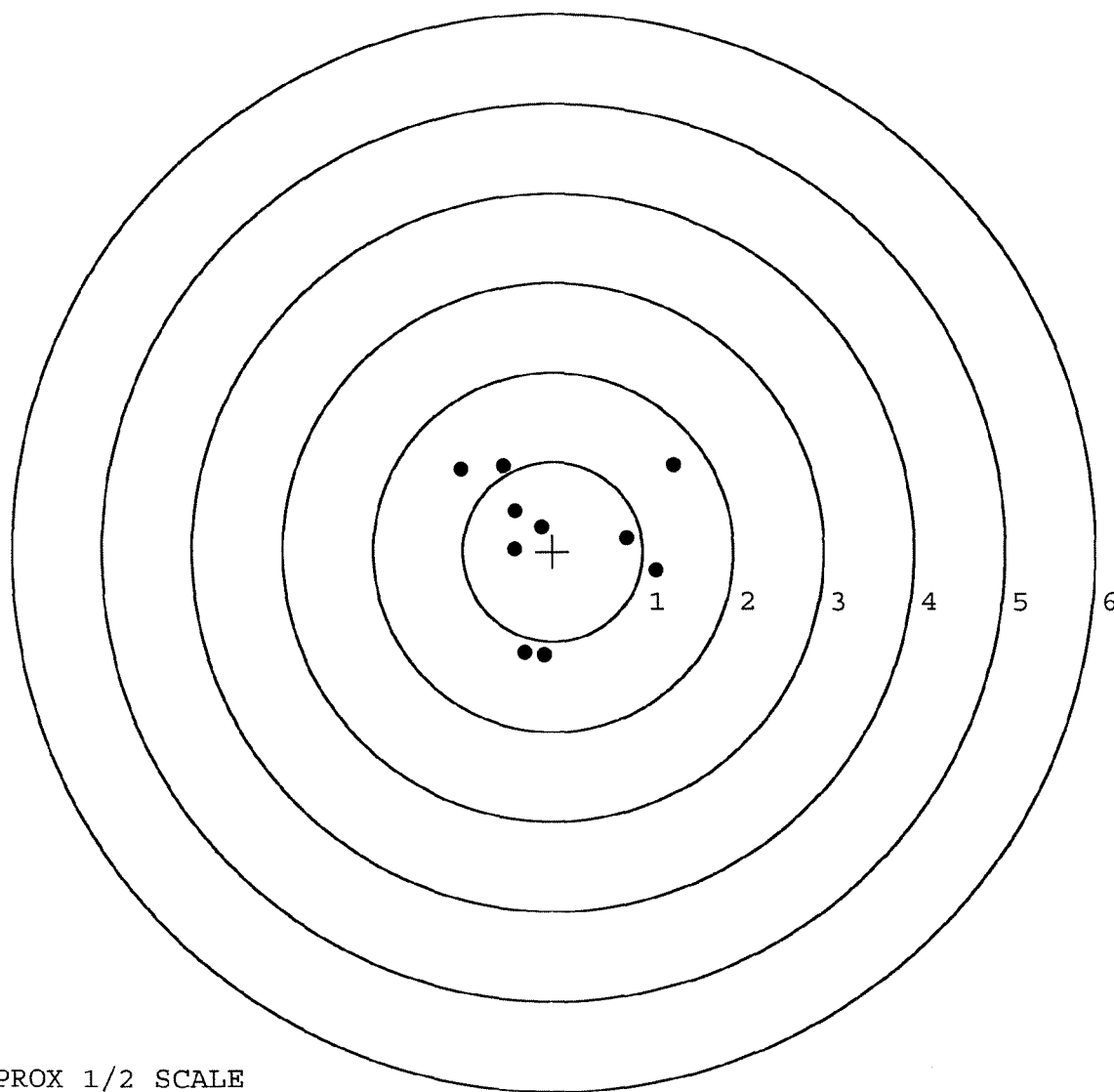
MAX RADIUS: 1.554

MEAN RADIUS: 0.968

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587649.__0

TARGET NUMBER: 5

FILE DATE: 11/26/2001

FILE TIME: 02:59

X CENTROID: 0.081

Y CENTROID: -0.174

POA TO CENTROID: 0.192

HORZ SPREAD: 1.105

VERT SPREAD: 1.893

GROUP SPREAD: 1.895

MIN RADIUS: 0.084

MAX RADIUS: 1.402

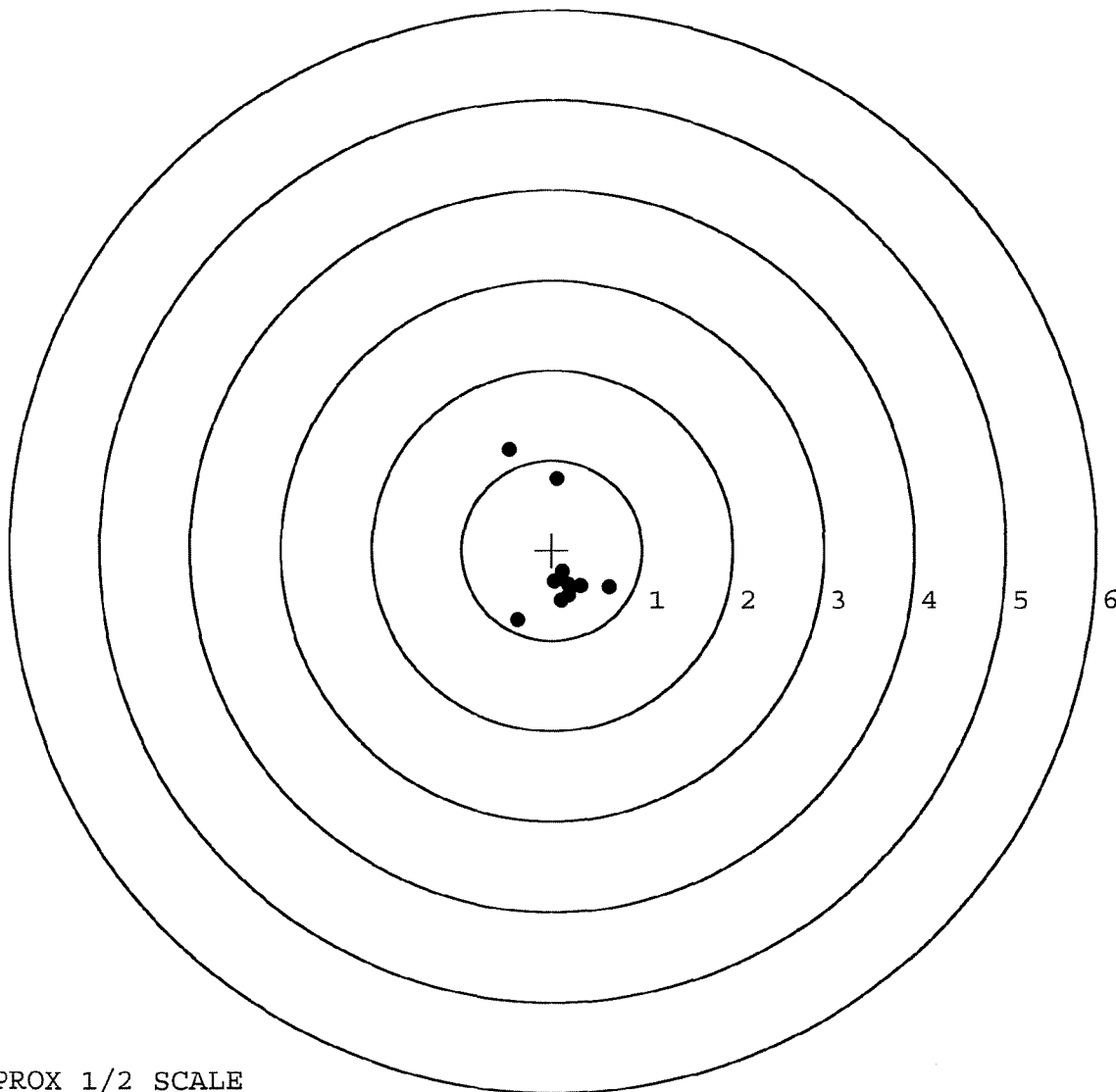
MEAN RADIUS: 0.531

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.055	0.790
2:	-0.468	1.116
3:	-0.382	-0.777
4:	0.112	-0.565
5:	0.029	-0.350
6:	0.124	-0.246
7:	0.325	-0.406
8:	0.189	-0.504
9:	0.637	-0.413
10:	0.185	-0.384



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	34888		
SERIAL NUMBER	C6587649		
LOG-IN DATE	11-1-01		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-5-01	RK
560 A	RE-BARREL	11/6	BWT
B	DRILL AND TAP	11/7	BWT
575	ASSEMBLE	11-7-01	RW
600	PROOF	11-7-01	RW
605	CHECK HEADSPACE	11-7-01	RW
610	DIS-ASSEMBLE GUN	11-7-01	RW
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	11/12	(A)
618	ROTO-BLAST	11/14	K
620	APPLY COATINGS	11-15	TA
625 A	FINAL ASSEMBLY	11-21	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-26-01	EK
655	FINAL INSPECT	11-28-01	RK
660	PACK	11-28-01	TA
		SHIP DATE	
QAR INSPECTION DATE			

Final Inspection

In: C6587649

DATE REC'D: 11/1/01

DATE RET'D: 11/28/01

EDITOR: RKL

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: _____

Remington® **DUPONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

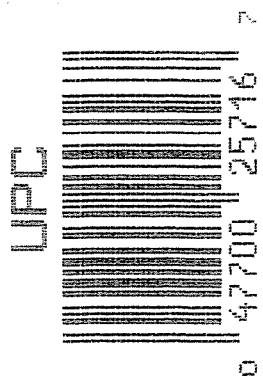
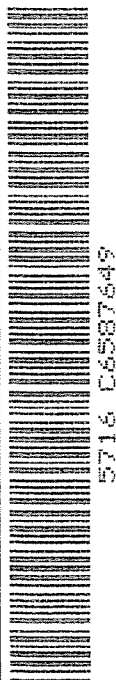
MADE IN ILION, N.Y., U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marquis Deposee.

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

SERIAL NO. C6587649

ORDER NO. 5716

20



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587649

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1024	90	RW
600	Proof	1024	90	RW
607	Check Headspace	1024	90	RW
610	Dis-assemble Gun	1024	90	RW
612	Magnaflux Barrel Action		10/30/90	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	LS
617	Drill and Tap Sight Holes		11/3/90	LB
618	Polish Barrel <i>PB</i>		11/6/90	LB
620	Apply Coatings (Barrel Action)		11-26-90	LB
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		12/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/12/90	RW
	C) Inspect Ejector Hole for Chamfer		12/12/90	RW
	D) Oil Firing Pin Ass'y		12/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1-4-91	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4.50	4.50	4.50			1/3/91	K7
	G) Safety Off Force	3.25	3.25	3.0			1/3/91	KT
	H) Trigger Pull Test & Retainability						1-4-91	DH
	I) Firing Pin Indent	.020	.020	.020			1/3/91	KT
	J) Assemble Stock						1/8/91	RW
	K) Assemble Swivel Studs						1-11-91	JI
	L) Attach Front and Rear Sight Assemblies						1/8/91	RW
	M) Iron Sight Alignment						1/8/91	RW
	N) Detach Front & Rear Sights & place in numbered container						1/8/91	RW
	O) Attach Scope to Rifle						1/8/91	RW
	P) Detach & Attach Scope 20 Times						1/8/91	RW
640	Gallery Target & Test						1/10/91	K7
	A) Time							121
	B) Malfunctions							121
	C) Pierced Primers							121
	D) Optical Clarity of Scope							122
645	Inspect for Live Ammo						1/10/91	122
655	Final Inspection							
	A) Headspace						1-11-91	JI
	B) Trigger Pull	2.37	2.31	2.34	2.43	2.47	1-11-91	JI
	C) Function						1-11-91	JI
660	Pack						3/15/91	WLB

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6587649

DATE 1-4-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.45	2.37	2.37	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.36	2.28	2.20	2.31	
PULL #3	2.42	2.51	2.33	2.34	
PULL #4	2.36	2.54	2.30	2.43	
PULL #5	2.42	2.48	2.32	2.47	
TOTAL	11.96	12.26	11.52		
AVG.	2.39	2.45	2.30		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.18		
PULL #2	3.27	3.43		
PULL #3	3.03	3.29		
PULL #4	3.14	3.18		
PULL #5	3.00	3.38		
TOTAL	15.75	16.46		
AVG.	3.15	3.29		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.41		4.25
PULL #2	4.28	4.18		4.00
PULL #3	4.14	4.01		4.24
PULL #4	4.26	4.22		4.24
PULL #5	4.02	4.36		4.26
TOTAL	20.96	21.18		20.99
AVG.	4.19	4.23		4.19



CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587649
11 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.254372
1 TO	2	.26712
1 TO	3	.2883
1 TO	4	.098737
1 TO	5	.391812

5
3
2 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1324
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.073
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .151191
THE AMR FOR THIS RIFLE IS: 1.067

11 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8587649

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 0

2 in = 3

3 in = 6

HS = 3.284

VS = 2.613

GS = 3.437

CENTROID *

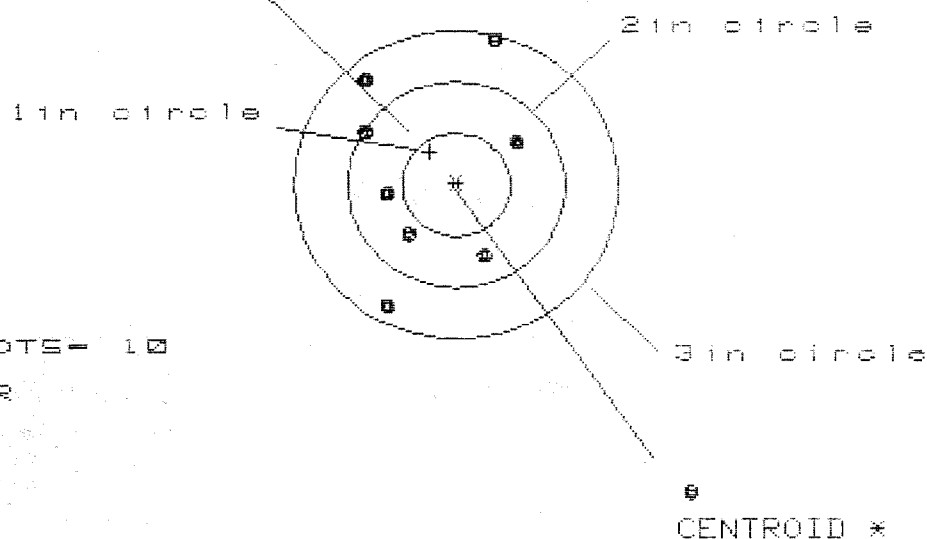
PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.396	1.186	1.301
MINIMUM X	:	-1.888	-1.015	-.980
MAXIMUM Y	:	1.266	1.253	1.121
MINIMUM Y	:	-1.347	-1.360	-1.203
CENTROID X	:	.249	.459	.344
CENTROID Y	:	-.052	-.039	-.196
POA TO CENTROID in.	:	.255	.461	.396
MIN RADIUS	:	.546	.647	.685
MEAN RADIUS	:	1.255	1.190	1.124
MAX RADIUS	:	1.892	1.553	1.664
HORIZONTAL SPREAD	:	3.284	2.201	2.201
VERTICAL SPREAD	:	2.613	2.613	2.324
EXTREME SPREAD	:	3.437	2.822	2.822
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	6		

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FILE:/PATTERNING/CENTERFIRE_PATT/06587643

CENTERFIRE PATTERNS # 2

FOR



OF SHOTS= 10

IN CIR

1in = 0

2in = 5

3in = 8

HS= 2.999

VS= 4.831

GS= 5.273

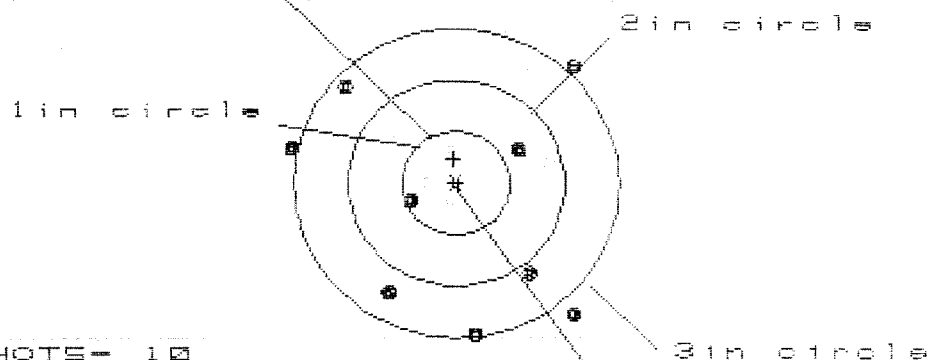
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.147	.839	.873
MINIMUM X	:	-.852	-.614	-.580
MAXIMUM Y	:	1.892	1.565	1.284
MINIMUM Y	:	-2.939	-1.549	-1.353
CENTROID X	:	.241	.003	-.031
CENTROID Y	:	-.319	.008	-.188
FOR TO CENTROID in.	:	.400	.008	.190
MIN RADIUS	:	.659	.570	.434
MEAN RADIUS	:	1.349	1.040	.944
MAX RADIUS	:	3.640	1.590	1.428
HORIZONTAL SPREAD	:	2.999	1.453	1.453
VERTICAL SPREAD	:	4.831	3.114	2.637
EXTREME SPREAD	:	5.273	3.177	2.803
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR

1in = 0

2in = 2

3in = 5

HS= 2.602

VS= 3.672

GS= 3.682

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.118	1.105	1.159
MINIMUM X	:	-1.484	-1.497	-1.359
MAXIMUM Y	:	2.154	1.360	1.234
MINIMUM Y	:	-1.518	-1.278	-1.405
CENTROID X	:	.023	.036	-.102
CENTROID Y	:	-.231	-.471	-.344
POA TO CENTROID in.	:	.233	.472	.359
MIN RADIUS	:	.512	.476	.353
MEAN RADIUS	:	1.330	1.209	1.162
MAX RADIUS	:	2.157	1.700	1.692
HORIZONTAL SPREAD	:	2.602	2.602	2.517
VERTICAL SPREAD	:	3.672	2.638	2.638
EXTREME SPREAD	:	3.682	3.062	2.777
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		5	

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FILE:/PATTERNING/CENTERFIRE_PATT/C8587649

CENTERFIRE PATTERNS

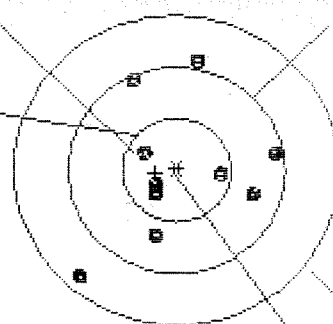
4

POA

1in circle

2in circle

3in circle



OF SHOTS- 10

IN CIR

1in = 4

2in = 8

3in = 10

HS= 1.795

VS= 2.117

GS= 2.385

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.920	.823	.839
MINIMUM X	:	-.875	-.483	-.467
MAXIMUM Y	:	1.100	.987	.830
MINIMUM Y	:	-1.017	-.701	-.578
CENTROID X	:	.194	.292	.276
CENTROID Y	:	.030	.143	.020
POA TO CENTROID in.	:	.197	.325	.276
MIN RADIUS	:	.283	.341	.319
MEAN RADIUS	:	.711	.652	.584
MAX RADIUS	:	1.341	.995	.952
HORIZONTAL SPREAD	:	1.795	1.306	1.306
VERTICAL SPREAD	:	2.117	1.688	1.408
EXTREME SPREAD	:	2.385	1.750	1.513
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 5

2in = 8

3in = 9

HS= 1.087

VS= 3.114

GS= 3.124

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.497	.510	.557
MINIMUM X	:	-.590	-.577	-.530
MAXIMUM Y	:	1.866	.792	.662
MINIMUM Y	:	-1.248	-1.041	-.528
CENTROID X	:	-.045	-.058	-.105
CENTROID Y	:	.207	-.000	.130
POA TO CENTROID in.	:	.212	.058	.167
MIN RADIUS	:	.239	.152	.234
MEAN RADIUS	:	.688	.500	.440
MAX RADIUS	:	1.869	1.107	.865
HORIZONTAL SPREAD	:	1.087	1.087	1.087
VERTICAL SPREAD	:	3.114	1.833	1.182
EXTREME SPREAD	:	3.124	1.838	1.340
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	