

C6611382

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



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

R & E NUMBER	96714		
SERIAL NUMBER	C661382		
LOG-IN DATE	5-6-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5-9-05	RTZ
560 A	RE-BARREL		
B	DRILL AND TAP	5-18-05	TRW
575	ASSEMBLE		
600	PROOF MAGNA-FLUX	5-18-05	-
605	CHECK HEADSPACE	5-18-05	AK
610	DIS-ASSEMBLE GUN	5-18-05	AK
612	MAGNAFLUX	5-19-05	WMS
615	ROLLMARK CALIBER	5-19-05	CW
618	ROTO-BLAST	5-20-05	LB
620	APPLY COATINGS	5-22-05	W
625 A	FINAL ASSEMBLY	5-24-05	RTZ
B	TRIGGER PULL TEST	5-25-05	AK
C	SAFETY "ON" FORCE	5-25-05	AK
D	SAFETY "OFF" FORCE	5-25-05	AK
E	FIRING PIN INDENT	5-25-05	AK
640	TARGET	5-25-05	TRW
655	FINAL INSPECT	5-25-05	AK
660	PACK	5-26-05	DA
		SHIP DATE	
QAR INSPECTION DATE			

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)

SERIAL NO.

DATE

TESTER

5-9-05

TRL

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS	COMMENTS
PULL #1	2.11	2.77	2.55	
PULL #2	2.14	2.47	2.43	
PULL #3	2.24	2.59	2.48	
PULL #4	2.86	2.57	2.55	
PULL #5	2.40	2.56	2.64	
TOTAL	11.75	12.96	12.65	
AVERAGE	2.35	2.59	2.53	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES	COMMENTS
PULL #1	3.09	3.30	
PULL #2	3.11	3.50	
PULL #3	3.22	3.49	
PULL #4	3.25	3.45	
PULL #5	3.23	3.39	
TOTAL	15.90	17.13	
AVERAGE	3.18	3.42	

	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	4.28	4.23		4.21
PULL #2	4.16	4.04		4.16
PULL #3	4.15	4.12		4.16
PULL #4	4.35	4.17		3.99
PULL #5	4.32	4.00		4.14
TOTAL	21.26	20.56		20.66
AVERAGE	4.25	4.11		4.13

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611382.___1

FILE DATE AND TIME: 05/25/2005 08:27

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.065
The Average Y Centroid of the Five Target Set:	0.034
The Average Point of Impact of the Five Target Set:	0.073
The Average Mean Radius of the Five Target Set:	0.903
The Distance from POA to Centroid Target #1:	0.058
The Distance from Centroid Target #2 to Centroid Target #1:	0.266
The Distance from Centroid Target #3 to Centroid Target #1:	0.243
The Distance from Centroid Target #4 to Centroid Target #1:	0.109
The Distance from Centroid Target #5 to Centroid Target #1:	0.562

SERIAL NUMBER: C6611382. __1

TARGET NUMBER: 1

FILE DATE: 05/25/2005

FILE TIME: 08:27

X CENTROID: 0.046

Y CENTROID: -0.034

POA TO CENTROID: 0.058

HORZ SPREAD: 1.747

VERT SPREAD: 2.011

GROUP SPREAD: 2.099

MIN RADIUS: 0.317

MAX RADIUS: 1.152

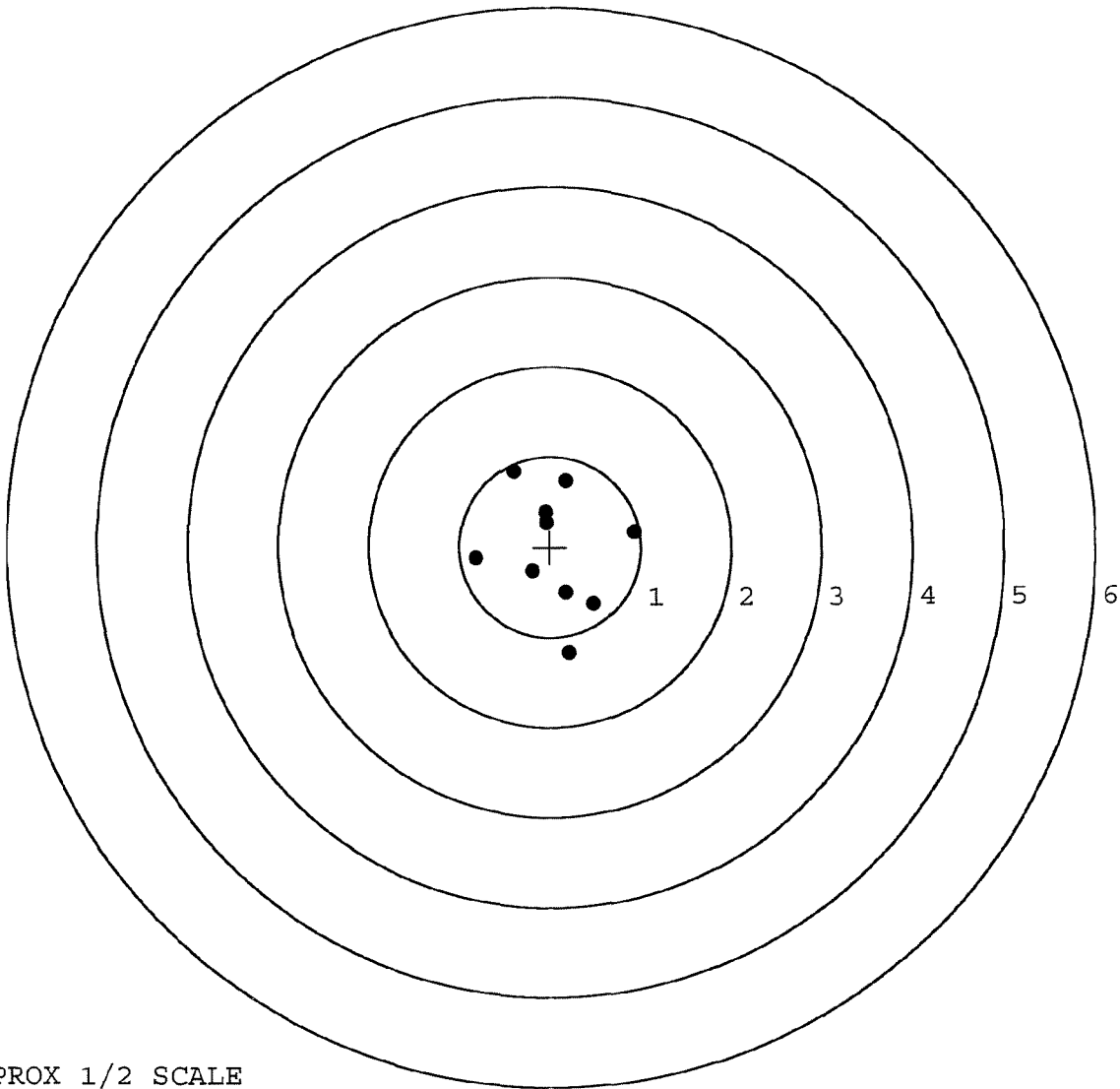
MEAN RADIUS: 0.700

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.207	-1.175
2:	0.479	-0.637
3:	0.170	-0.513
4:	-0.195	-0.272
5:	-0.818	-0.132
6:	0.929	0.171
7:	0.180	0.730
8:	-0.394	0.836
9:	-0.053	0.380
10:	-0.040	0.271



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611382. _1

TARGET NUMBER: 2

FILE DATE: 05/25/2005

FILE TIME: 08:27

X CENTROID: -0.217

Y CENTROID: -0.072

POA TO CENTROID: 0.229

HORZ SPREAD: 2.716

VERT SPREAD: 2.382

GROUP SPREAD: 3.406

MIN RADIUS: 0.535

MAX RADIUS: 1.858

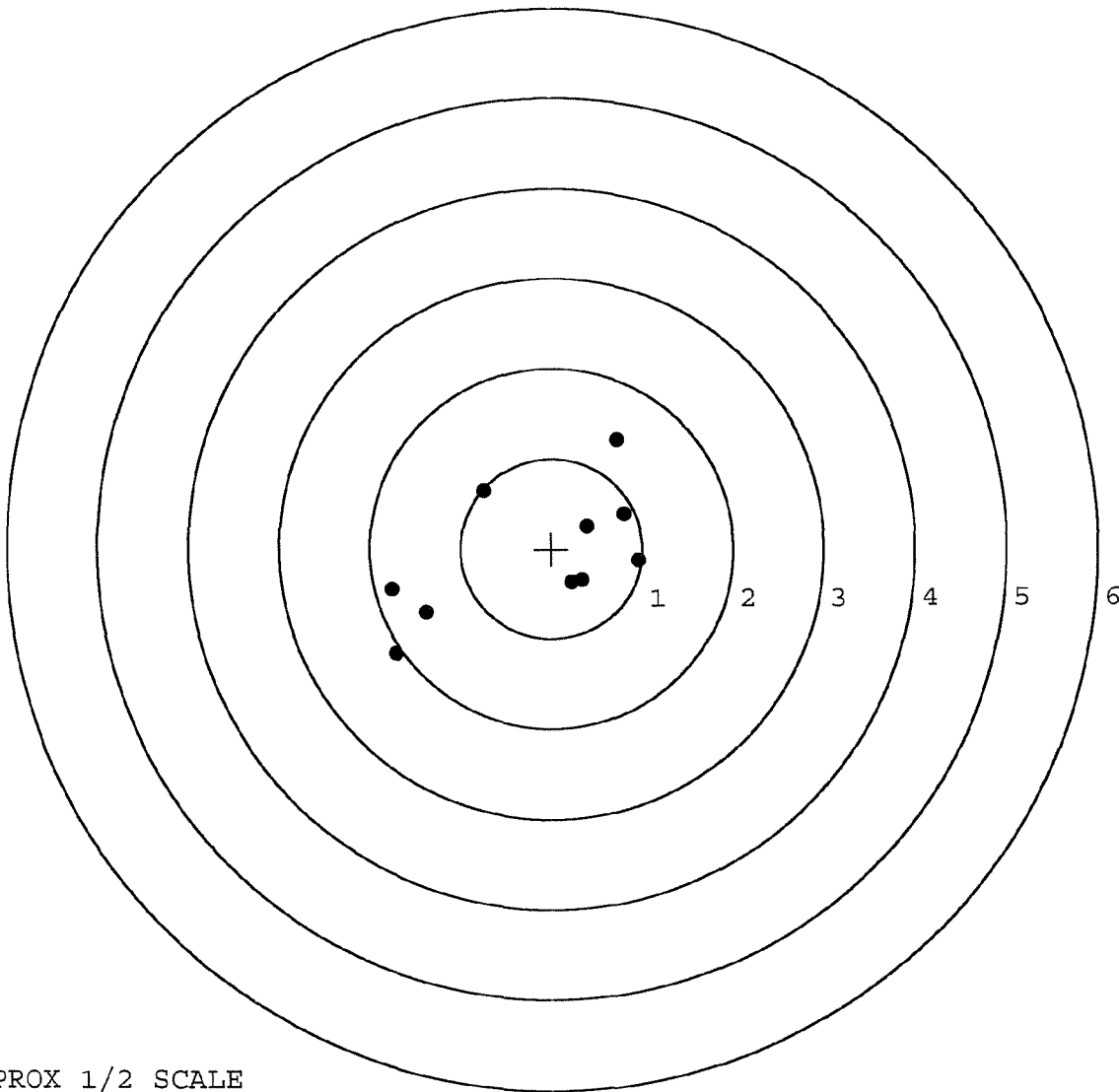
MEAN RADIUS: 1.139

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.221	-0.380
2:	0.337	-0.353
3:	0.959	-0.131
4:	0.800	0.391
5:	0.388	0.249
6:	0.722	1.207
7:	-0.745	0.643
8:	-1.382	-0.712
9:	-1.757	-0.459
10:	-1.712	-1.175

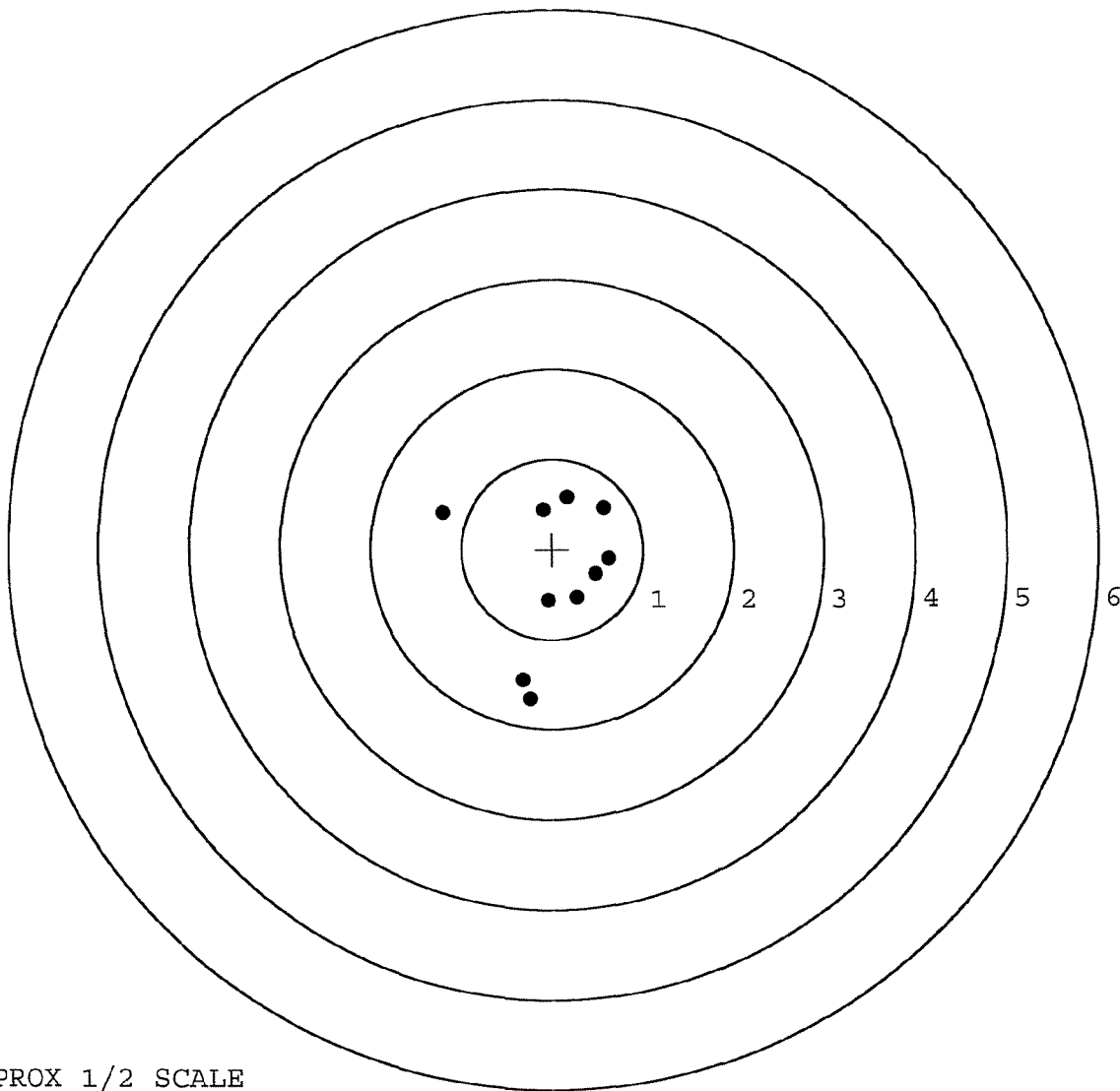


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611382.____1
 TARGET NUMBER: 3
 FILE DATE: 05/25/2005
 FILE TIME: 08:27

X CENTROID: 0.016
 Y CENTROID: -0.275
 POA TO CENTROID: 0.275
 HORZ SPREAD: 1.834
 VERT SPREAD: 2.251
 GROUP SPREAD: 2.289
 MIN RADIUS: 0.304
 MAX RADIUS: 1.423
 MEAN RADIUS: 0.832
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.625	-0.111
2:	0.480	-0.276
3:	0.562	0.456
4:	0.161	0.579
5:	-0.100	0.434
6:	0.273	-0.535
7:	-0.050	-0.572
8:	-1.209	0.406
9:	-0.331	-1.456
10:	-0.253	-1.672

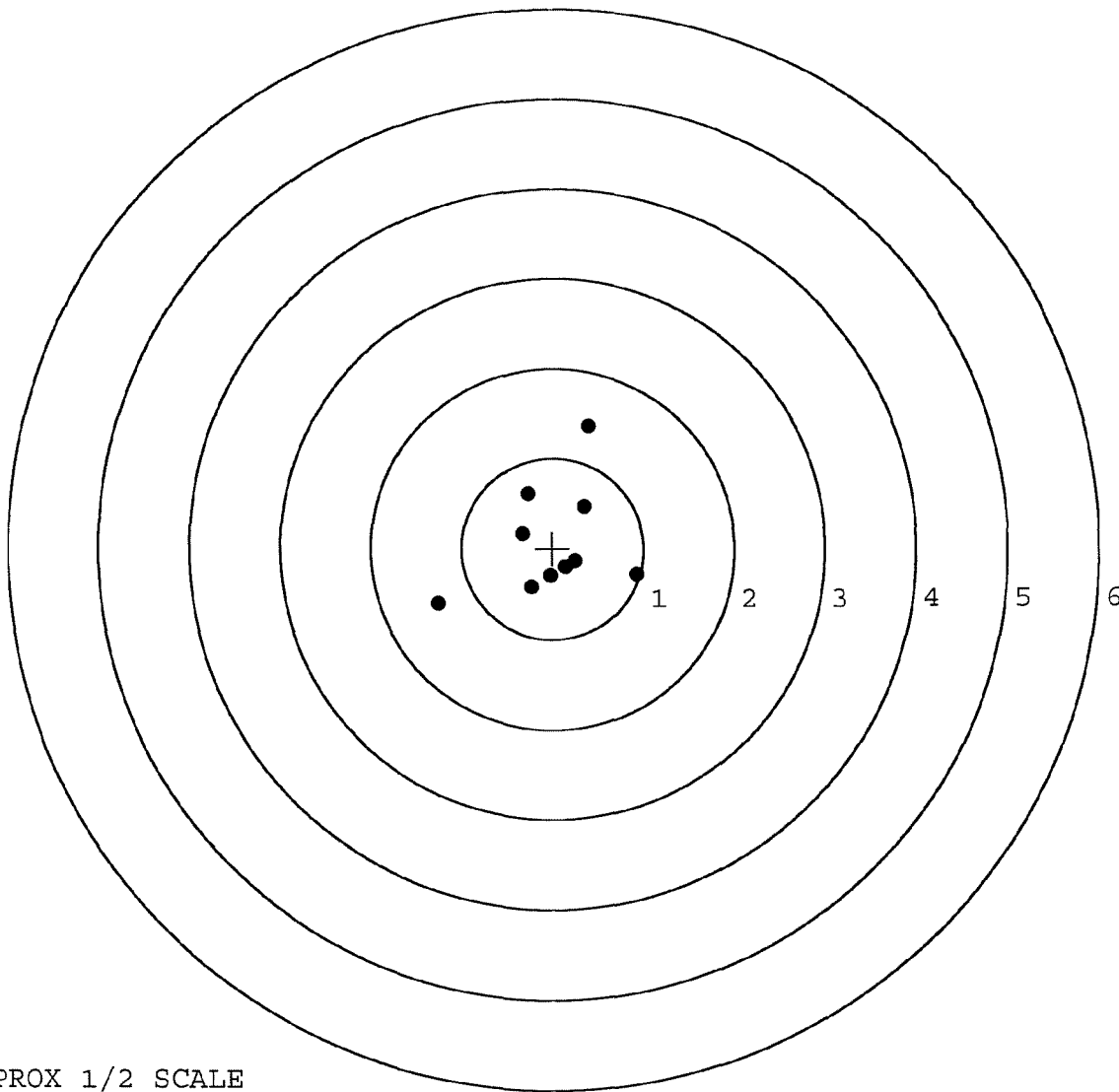


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611382. __1
 TARGET NUMBER: 4
 FILE DATE: 05/25/2005
 FILE TIME: 08:27

X CENTROID: -0.005
 Y CENTROID: 0.062
 POA TO CENTROID: 0.062
 HORZ SPREAD: 2.188
 VERT SPREAD: 1.965
 GROUP SPREAD: 2.579
 MIN RADIUS: 0.308
 MAX RADIUS: 1.426
 MEAN RADIUS: 0.681
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.924	-0.289
2:	0.406	1.357
3:	0.348	0.465
4:	-0.269	0.613
5:	-0.329	0.165
6:	-1.264	-0.608
7:	0.253	-0.145
8:	0.141	-0.210
9:	-0.020	-0.304
10:	-0.238	-0.428

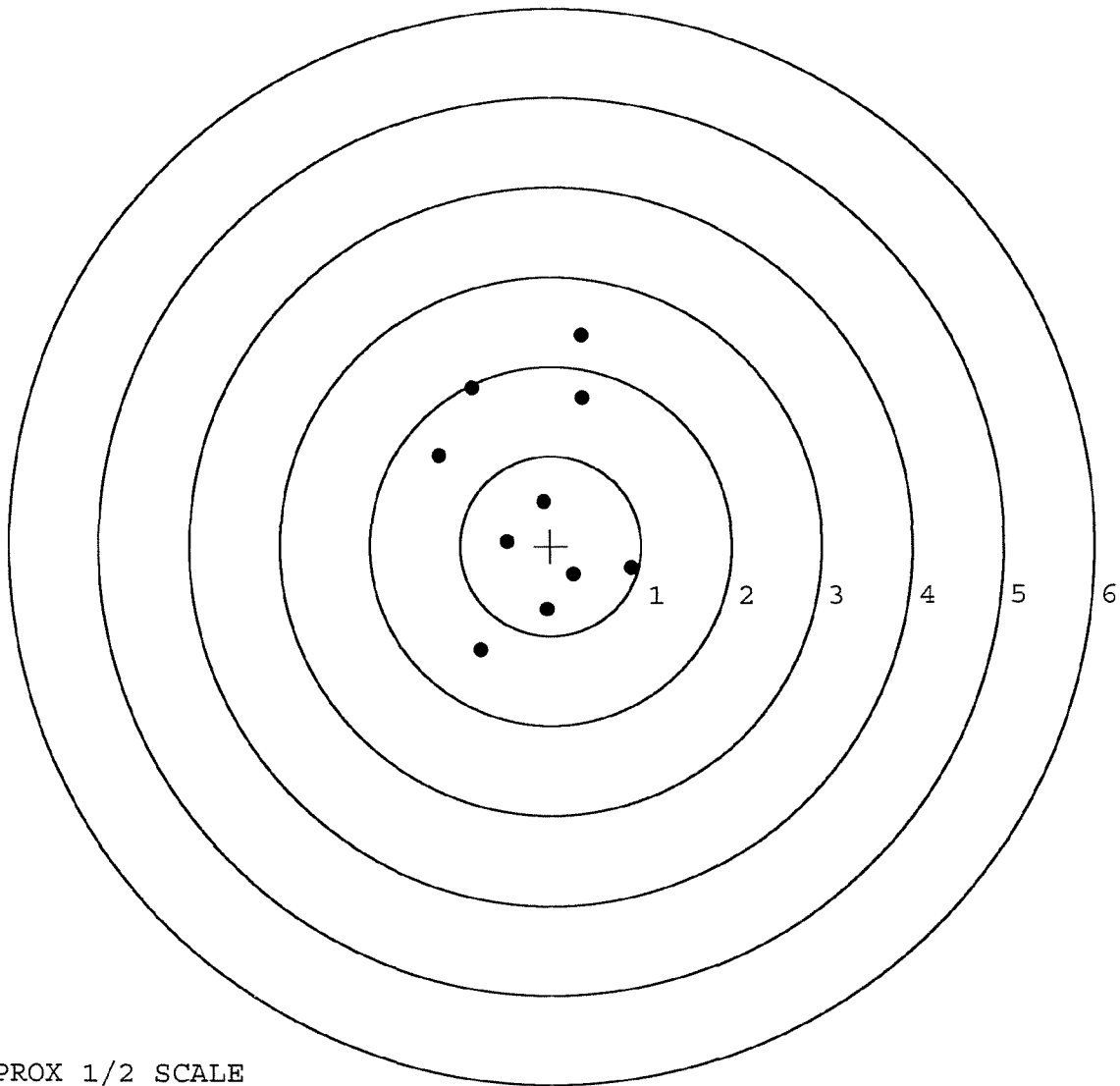


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611382. __1
 TARGET NUMBER: 5
 FILE DATE: 05/25/2005
 FILE TIME: 08:27

X CENTROID: -0.165
 Y CENTROID: 0.487
 POA TO CENTROID: 0.514
 HORZ SPREAD: 2.127
 VERT SPREAD: 3.509
 GROUP SPREAD: 3.683
 MIN RADIUS: 0.084
 MAX RADIUS: 1.929
 MEAN RADIUS: 1.162
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 3
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.893	-0.252
2:	0.250	-0.317
3:	-0.044	-0.708
4:	-0.481	0.052
5:	-0.082	0.493
6:	-0.777	-1.161
7:	-1.234	1.003
8:	-0.873	1.762
9:	0.351	1.649
10:	0.342	2.348



TARGET APPROX 1/2 SCALE

FINAL INSPECTION CHECKLIST M-24 REPAIRS
CONTRACT #: DAAE-20-02-D-0127SERIAL # C6611382INSPECTED BY: RTZDATE REC'D: 5-6-05DATE RET'D: 5-26-05

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: _____

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: **RE00036704** Serial: C6611382 Model 700 Center Fire Caliber: 7 62 NATO SWS M24 WOG 1 of 7 Repairman: Status: Closed 12/1/01 6:30:51 AM

Verify Repair **High Priority**

Address Information

Customer: Received From Return To: Received From

Name: Address 1: Address 2: PO Box: City: FORT BRAGG State: NC Zip Code: Country: US

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Date	Code	User ID	Desc1
12/1/01 6:08:31	New	urtzdi	Repair Added
12/1/01 6:30:42	Closed	urtzdi	
12/1/01 6:30:51	Closed	urtzdi	

☐ Shipping Hold
☐ InterFace Hold
☐ Estimate Sent
☐ Parts Received
☐ Passed Inspection
☐ Return As Received
☐ Has been Approved
☐ Internal Repair

Current Status
 Closed
 12/1/01 6:30:51 AM
 urtzdi
 Check In
 Repair Location
 ILN
 Current Location
 ILN

Repair Search Refresh Close

naglet 12/4/01 11:19 AM CAPS NUM INS SCRL
 Start Inbo... CNN... SW... Israe... SW... Ar... Seria... Cale... 11:19 AM

Serial Number: **C6611382**

Model: **700**



RE00036704

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

R & E NUMBER	36704		
SERIAL NUMBER	C16611382		
LOG-IN DATE	12-1-01		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	12-4-01	RH
560 A	RE-BARREL	12/5/01	BWT
B	DRILL AND TAP	12/5/01	BWT
575	ASSEMBLE	12-6-01	RH
600	PROOF	12-6-01	RH
605	CHECK HEADSPACE	12-6-01	RH
610	DIS-ASSEMBLE GUN	12-6-01	RH
612	MAGNAFLUX		AL
615	ROLLMARK CALIBER	12-6-01	RH
618	ROTO-BLAST	12/7	KO
620	APPLY COATINGS	12-10	TA
625 A	FINAL ASSEMBLY	12-17-01	RH
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	12-17-01	AC
655	FINAL INSPECT	12-18-01	RH
660	PACK	12/18/01	DA
		SHIP DATE	
	QAR INSPECTION DATE		

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611382.___0

FILE DATE AND TIME: 12/17/2001 06:55

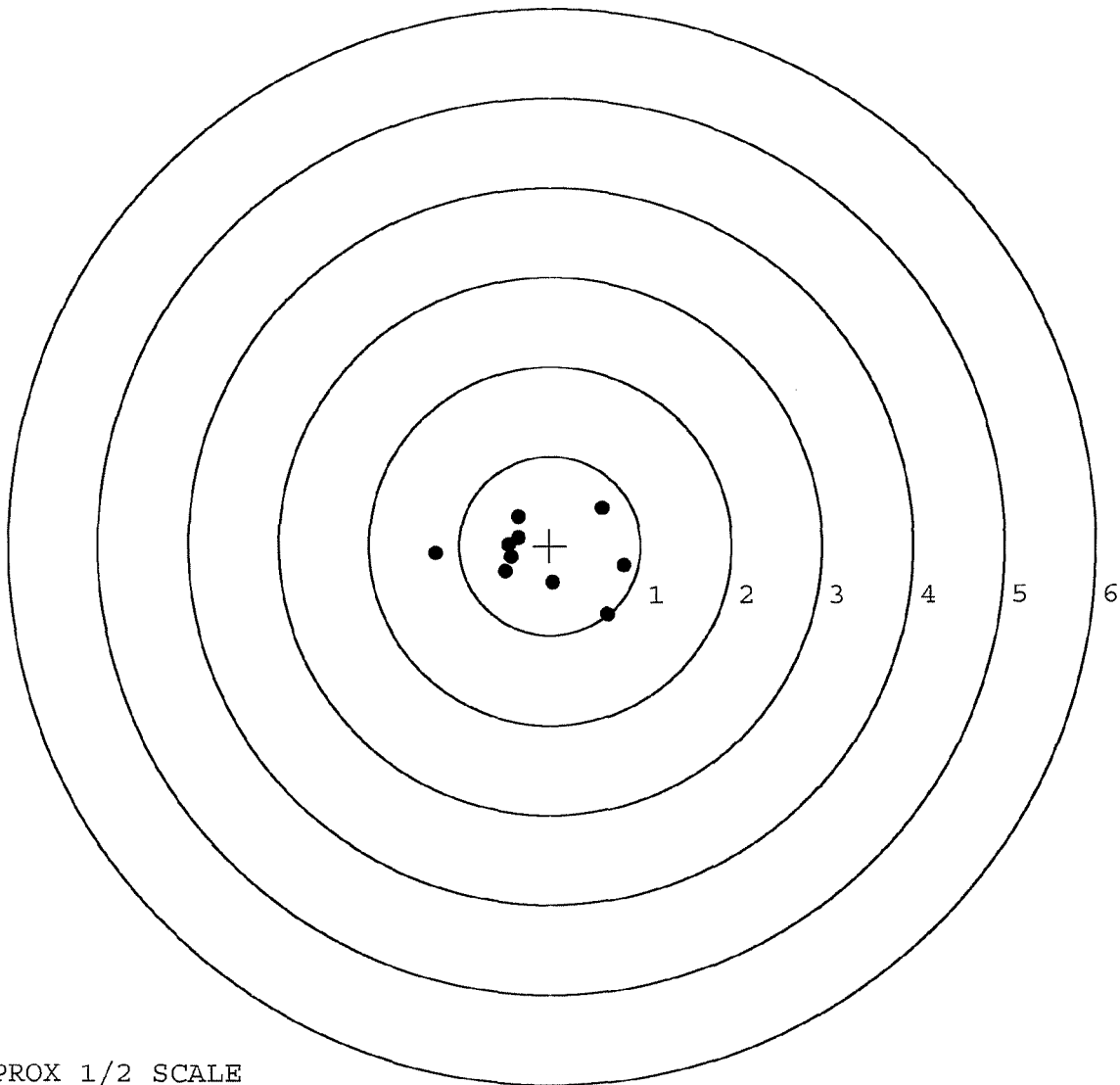
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.114
The Average Y Centroid of the Five Target Set:	-0.080
The Average Point of Impact of the Five Target Set:	0.139
The Average Mean Radius of the Five Target Set:	0.469
The Distance from POA to Centroid Target #1:	0.170
The Distance from Centroid Target #2 to Centroid Target #1:	0.190
The Distance from Centroid Target #3 to Centroid Target #1:	0.099
The Distance from Centroid Target #4 to Centroid Target #1:	0.047
The Distance from Centroid Target #5 to Centroid Target #1:	0.120

SERIAL NUMBER: C6611382. 0
 TARGET NUMBER: 1
 FILE DATE: 12/17/2001
 FILE TIME: 06:55

X CENTROID: -0.130
 Y CENTROID: -0.109
 POA TO CENTROID: 0.170
 HORZ SPREAD: 2.081
 VERT SPREAD: 1.189
 GROUP SPREAD: 2.085
 MIN RADIUS: 0.295
 MAX RADIUS: 1.133
 MEAN RADIUS: 0.617
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.631	-0.774
2:	0.818	-0.225
3:	0.578	0.415
4:	0.029	-0.414
5:	-1.263	-0.092
6:	-0.495	-0.290
7:	-0.430	-0.132
8:	-0.460	0.012
9:	-0.351	0.087
10:	-0.356	0.324



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611382. __0

TARGET NUMBER: 2

FILE DATE: 12/17/2001

FILE TIME: 06:55

X CENTROID: -0.012

Y CENTROID: 0.040

POA TO CENTROID: 0.042

HORZ SPREAD: 2.107

VERT SPREAD: 1.055

GROUP SPREAD: 2.245

MIN RADIUS: 0.172

MAX RADIUS: 1.307

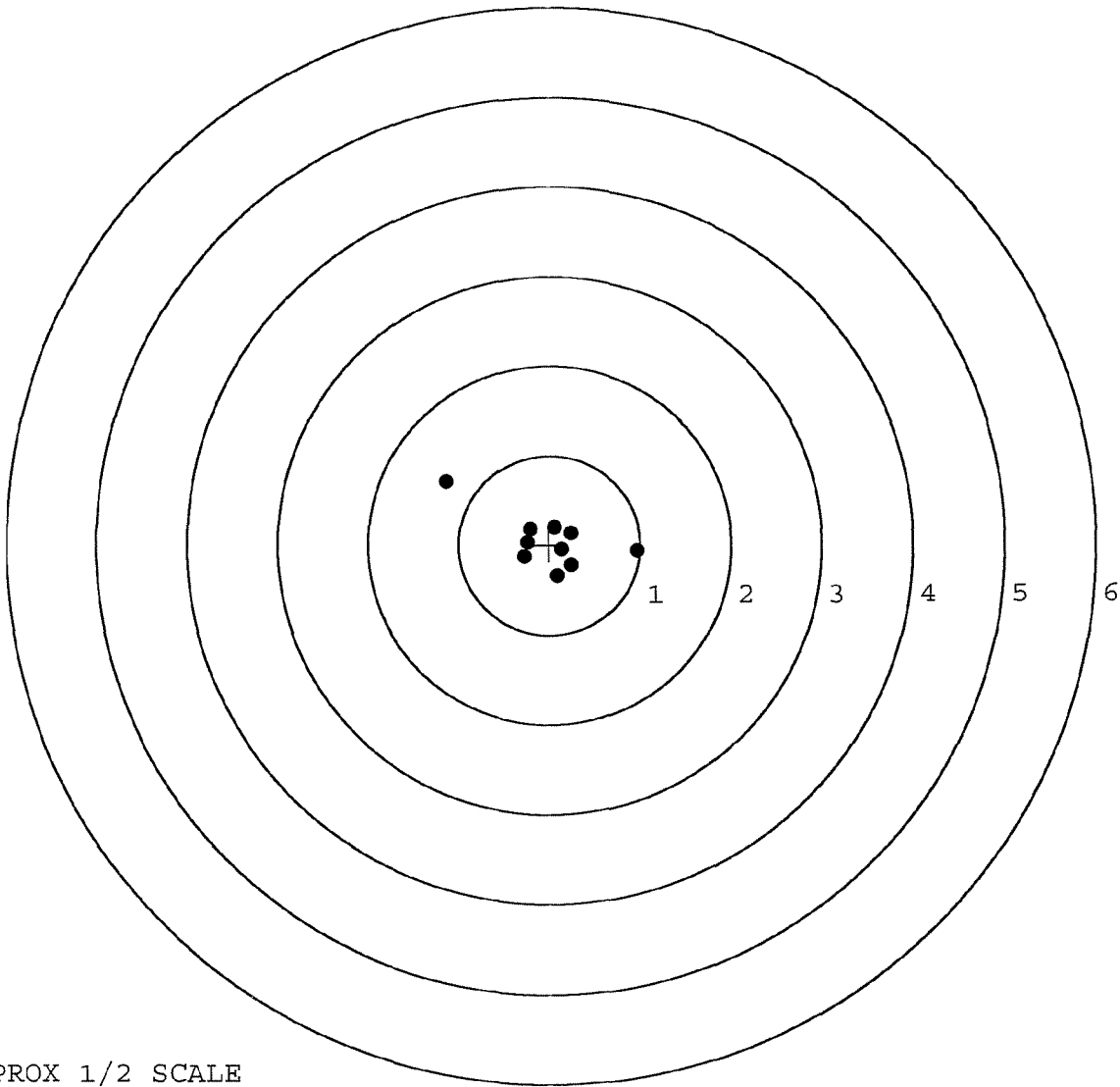
MEAN RADIUS: 0.447

IN 1 IN DIAMETER: 8

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.971	-0.068
2:	0.245	-0.230
3:	0.088	-0.347
4:	0.134	-0.055
5:	-0.279	-0.140
6:	-0.241	0.029
7:	-0.210	0.175
8:	-1.136	0.708
9:	0.065	0.194
10:	0.240	0.133

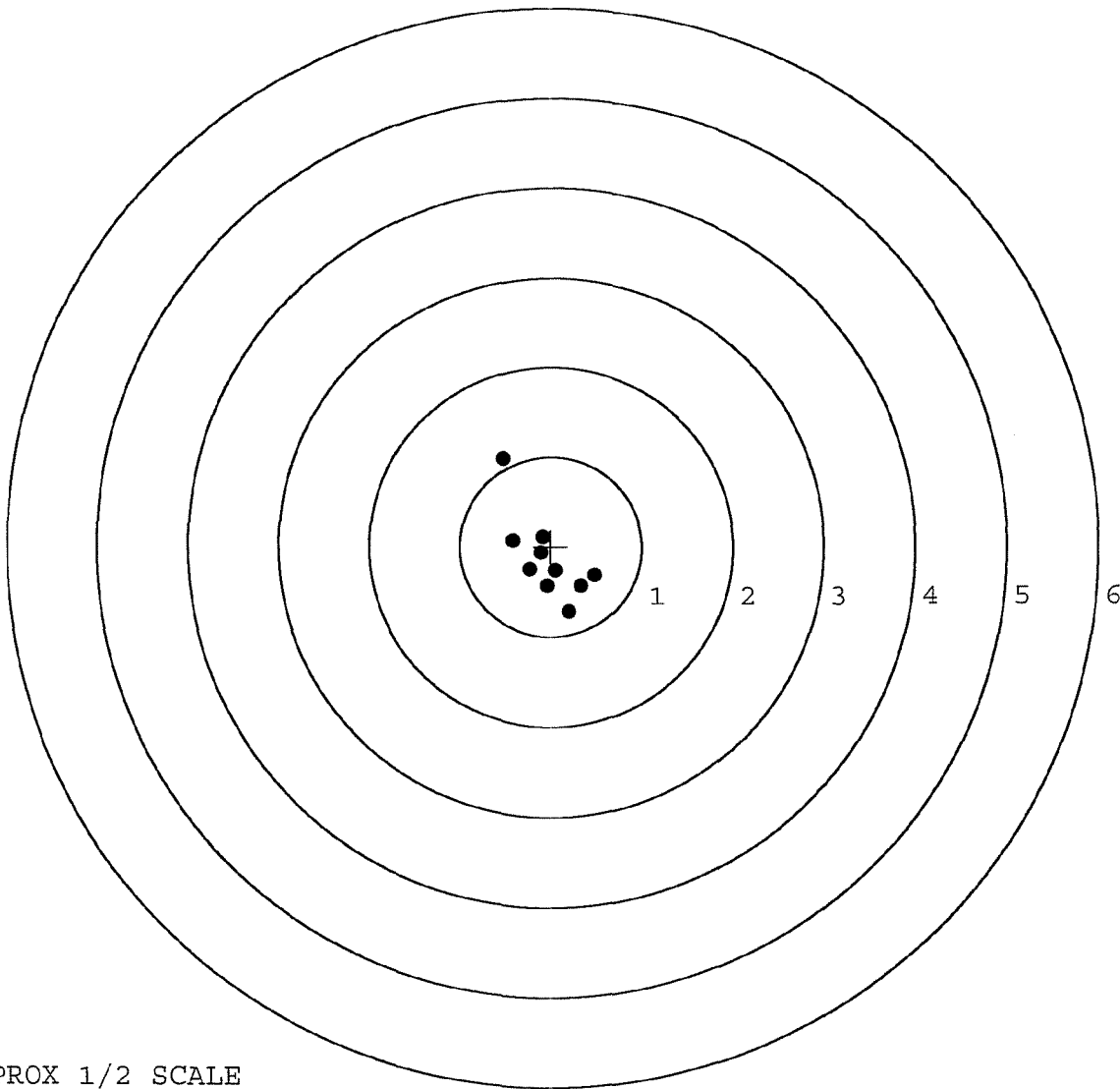


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611382.____0
 TARGET NUMBER: 3
 FILE DATE: 12/17/2001
 FILE TIME: 06:55

POINT#	X	Y
1:	-0.521	0.979
2:	0.484	-0.325
3:	0.333	-0.441
4:	0.198	-0.727
5:	-0.045	-0.443
6:	0.050	-0.268
7:	-0.236	-0.259
8:	-0.112	-0.071
9:	-0.416	0.073
10:	-0.088	0.112

X CENTROID: -0.035
 Y CENTROID: -0.137
 POA TO CENTROID: 0.141
 HORZ SPREAD: 1.005
 VERT SPREAD: 1.706
 GROUP SPREAD: 1.851
 MIN RADIUS: 0.101
 MAX RADIUS: 1.217
 MEAN RADIUS: 0.437
 # IN 1 IN DIAMETER: 7
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

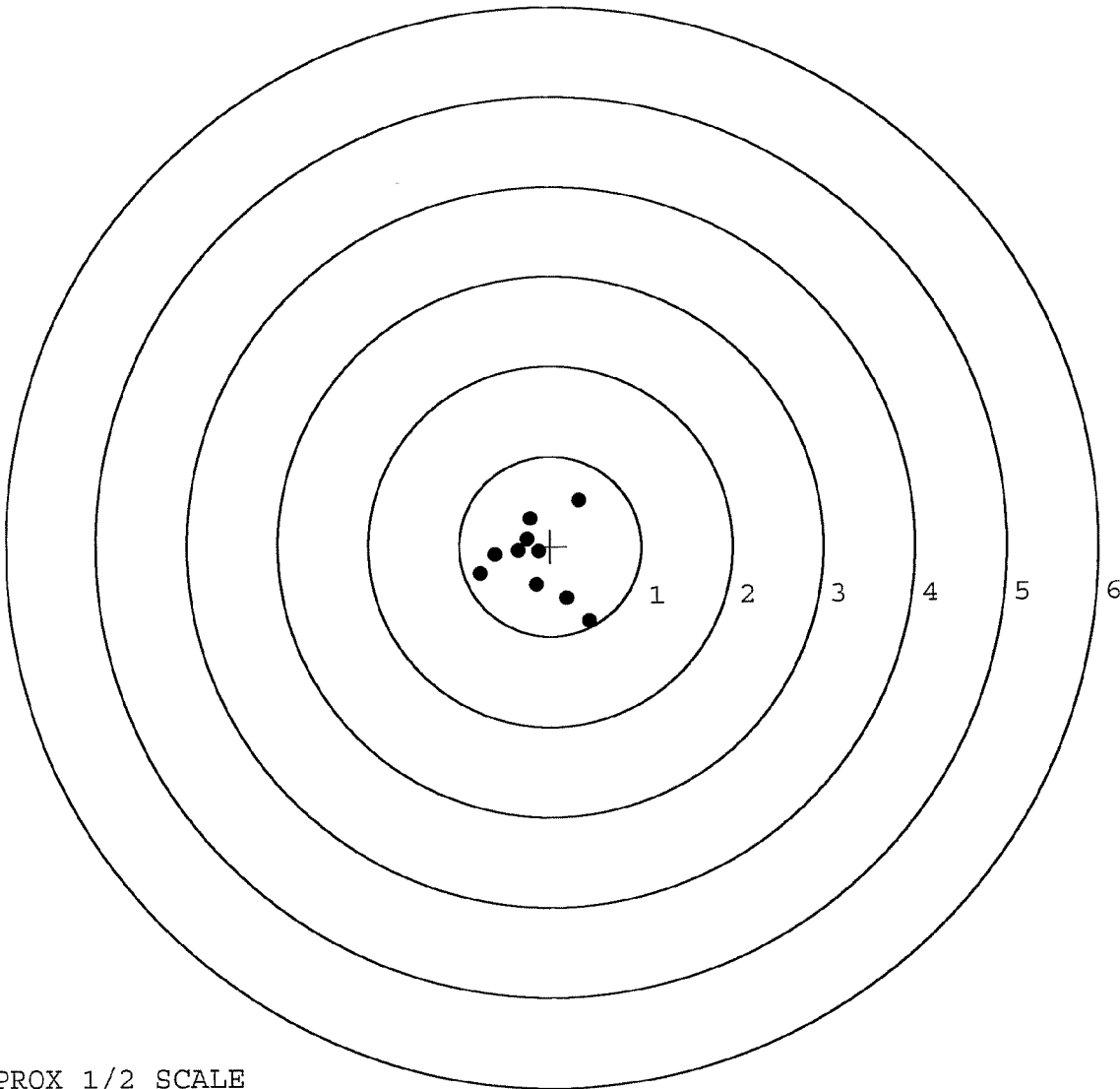


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611382. 0
 TARGET NUMBER: 4
 FILE DATE: 12/17/2001
 FILE TIME: 06:55

X CENTROID: -0.159
 Y CENTROID: -0.146
 POA TO CENTROID: 0.215
 HORZ SPREAD: 1.191
 VERT SPREAD: 1.346
 GROUP SPREAD: 1.350
 MIN RADIUS: 0.096
 MAX RADIUS: 0.904
 MEAN RADIUS: 0.466
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.421	-0.839
2:	0.175	-0.584
3:	-0.159	-0.431
4:	-0.770	-0.301
5:	-0.609	-0.096
6:	-0.356	-0.051
7:	-0.127	-0.055
8:	-0.258	0.084
9:	-0.222	0.311
10:	0.318	0.507



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611382. 0

TARGET NUMBER: 5

FILE DATE: 12/17/2001

FILE TIME: 06:55

X CENTROID: -0.232

Y CENTROID: -0.046

POA TO CENTROID: 0.237

HORZ SPREAD: 0.914

VERT SPREAD: 1.189

GROUP SPREAD: 1.444

MIN RADIUS: 0.080

MAX RADIUS: 0.877

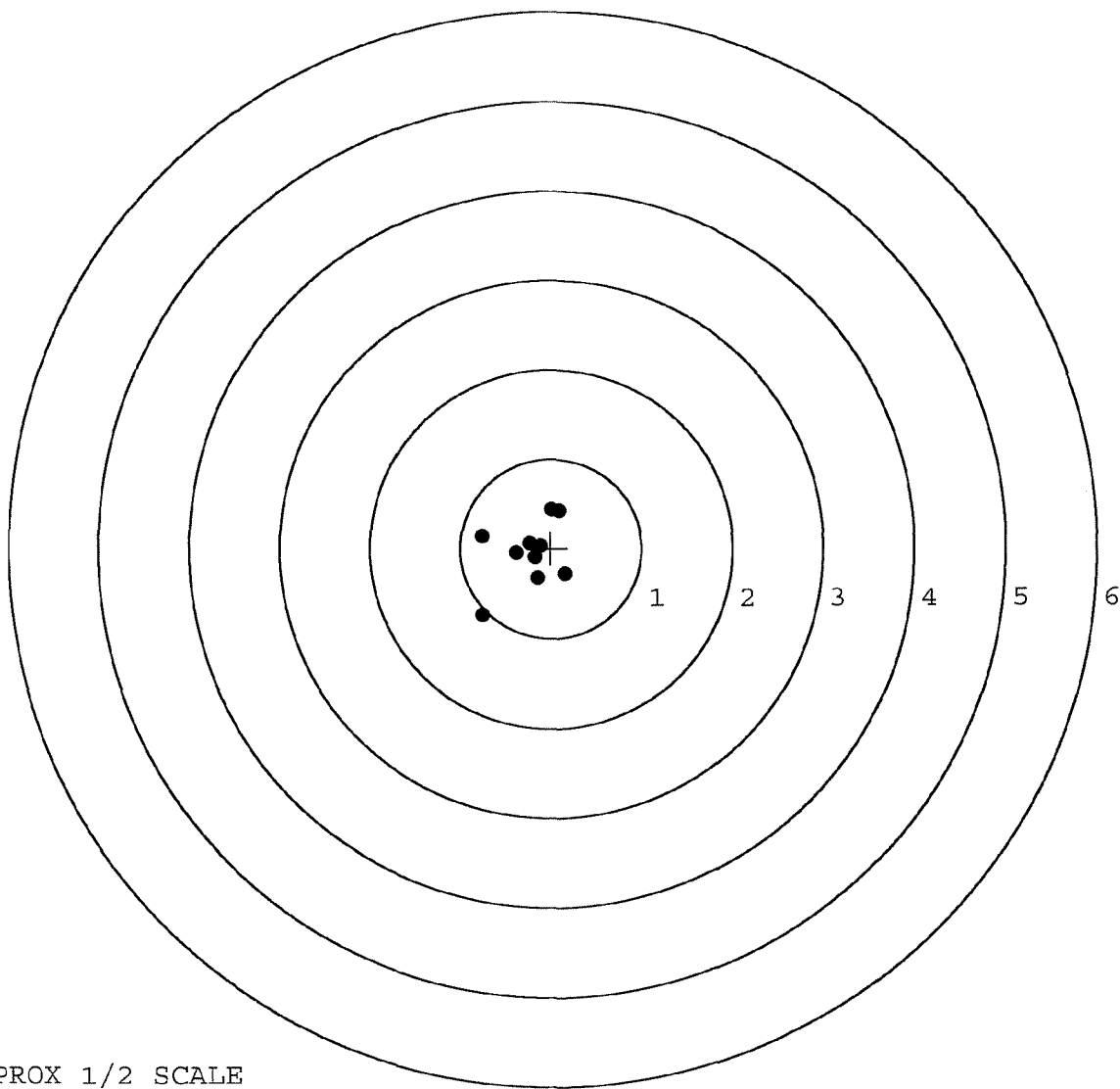
MEAN RADIUS: 0.377

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.157	-0.293
2:	0.093	0.418
3:	0.004	0.438
4:	-0.757	0.137
5:	-0.754	-0.751
6:	-0.115	0.032
7:	-0.240	0.054
8:	-0.385	-0.058
9:	-0.180	-0.106
10:	-0.148	-0.334



TARGET APPROX 1/2 SCALE

 		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ M24		SERIAL NO. C6611382
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		ORDER NO. 5716



5716 C6611382



GUN SERIAL # C6611382

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 25	91	RW
600	Proof	1 25	91	RW
607	Check Headspace	1 25	91	RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action	1 25	91	KR
	Magnaflux Bolt	1 25	91	KR
615	Rollmark Caliber	1 25	91	JS
617	Drill and Tap Sight Holes	1 30	91	CB
618	Polish Barrel RWB	1 30	91	CB
620	Apply Coatings (Barrel Action)		2-10-91	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		2/11/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/11/91	RW
	C) Inspect Ejector Hole for Chamfer		2/11/91	RW
	D) Oil Firing Pin Ass'y		2/11/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/12/91	DU

op. #	BARBER - M24 0075908 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			2/12/91	WB
	G) Safety Off Force	2h	2h	2h			2/12/91	WB
	H) Trigger Pull Test & Retainability						2/12/91	RC
	I) Firing Pin Indent	.022	.0225	.0225			2/12/91	WB
	J) Assemble Stock						2/12/91	RW
	K) Assemble Swivel Studs						2-25-91	A
	L) Attach Front and Rear Sight Assemblies						2/12/91	RW
	M) Iron Sight Alignment						2/12/91	RW
	N) Detach Front & Rear Sights & place in numbered container						2/12/91	RW
	O) Attach Scope to Rifle						2/12/91	RW
	P) Detach & Attach Scope 20 Times						2/12/91	RW
640	Gallery Target & Test						2-13-91	DH
	A) Time						2-13-91	DH
	B) Malfunctions						2-13-91	DH
	C) Pierced Primers						2-13-91	DH
	D) Optical Clarity of Scope						2-13-91	DH
645	Inspect for Live Ammo						2-13-91	DH
655	Final Inspection						2-25-91	A
	A) Headspace						2-25-91	A
	B) Trigger Pull	2.37	2.57	2.49	2.55	2.45	2/22/91	JR
	C) Function						2-25-91	A
660	Pack						3-14-91	N

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6611382
DATE 2/12/91
TESTER J.P.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.32	2.31	2.35	2.37	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.29	2.32	2.51	
PULL #3	2.34	2.38	2.37	2.49	
PULL #4	2.31	2.29	2.42	2.55	
PULL #5	2.32	2.40	2.42	2.46	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.50	3.23		
PULL #2	3.42	3.20		
PULL #3	3.30	3.15		
PULL #4	3.12	3.27		
PULL #5	3.15	3.17		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.31		4.26
PULL #2	4.25	4.29		4.24
PULL #3	4.20	4.31		4.17
PULL #4	4.20	4.18		4.21
PULL #5	4.36	4.28		4.23
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06611382
14 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.264186
1 TO	2	.269537
1 TO	3	.0940479
1 TO	4	.238913
1 TO	5	.179246

✕ <----POA

POA COORDINATE FOR THIS RIFLE IS: .1318
POA COORDINATE FOR THIS RIFLE IS: .0902
POA AVERAGE POI RADIUS FOR THIS RIFLE IS: .15371
POA FOR THIS RIFLE IS: .7372

18 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B11382

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 4

2in = 8

3in = 10

HE= 2.125

VE= 1.659

GE= 2.133

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.285	.756	.669
MINIMUM X	-.840	-.697	-.421
MAXIMUM Y	.789	.805	.848
MINIMUM Y	-.870	-.854	-.810
CENTROID X	.263	.120	.207
CENTROID Y	.025	.009	-.035
ACR TO CENTROID IN.	.264	.120	.210
MIN RADIUS	.193	.217	.266
MEAN RADIUS	.648	.559	.533
MAX RADIUS	1.294	.902	.849
HORIZONTAL SPREAD	2.125	1.453	1.990
VERTICAL SPREAD	1.659	1.659	1.659
EXTREME SPREAD	2.133	1.677	1.667
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	9		

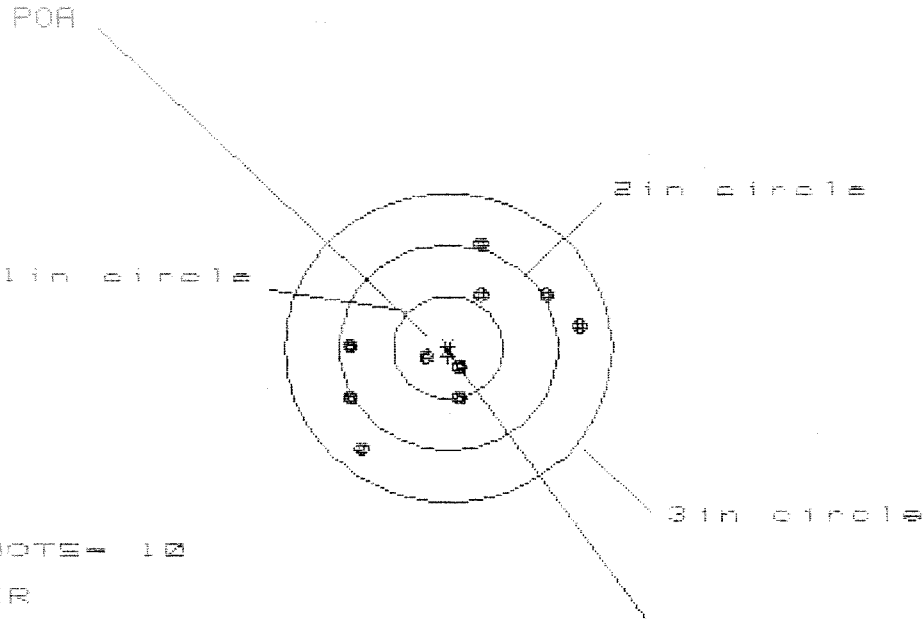
NUMBER IN THREE INCH CIRCLE =

10

13 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B113B2

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS = 2.085

VS = 1.970

GS = 2.275

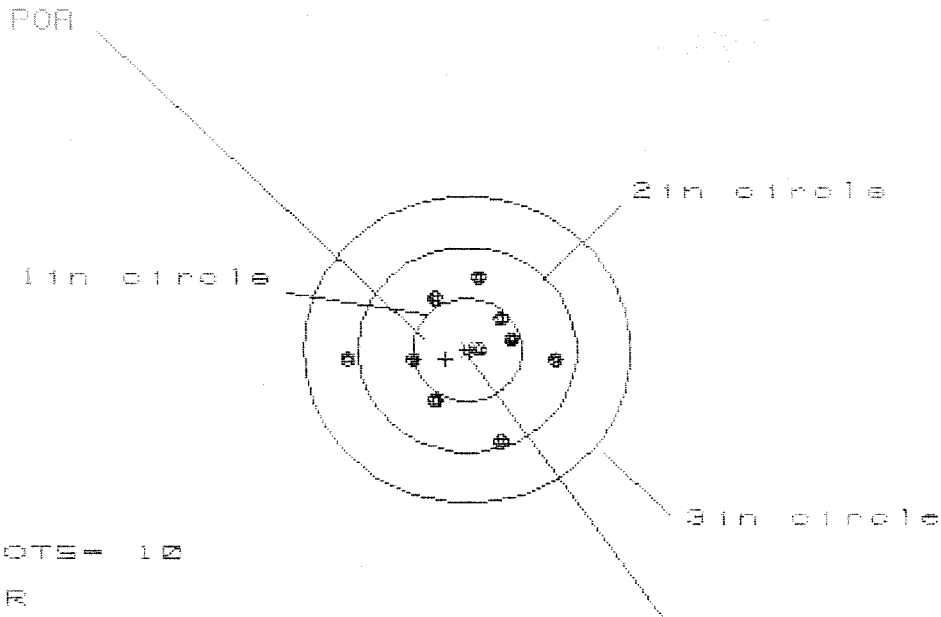
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.153	1.065	.934
MINIMUM X	-.932	-1.020	-.887
MAXIMUM Y	.979	.869	.879
MINIMUM Y	-.991	-.600	-.590
CENTROID X	.000	.088	-.045
CENTROID Y	.084	.194	.184
POA TO CENTROID in.	.084	.213	.189
MIN RADIUS	.178	.297	.198
MEAN RADIUS	.791	.743	.692
MAX RADIUS	1.268	1.167	1.047
HORIZONTAL SPREAD	2.085	2.085	1.821
VERTICAL SPREAD	1.970	1.469	1.469
EXTREME SPREAD	2.275	2.181	2.071
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	

13 Feb 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 1.908

VS= 1.654

GS= 1.909

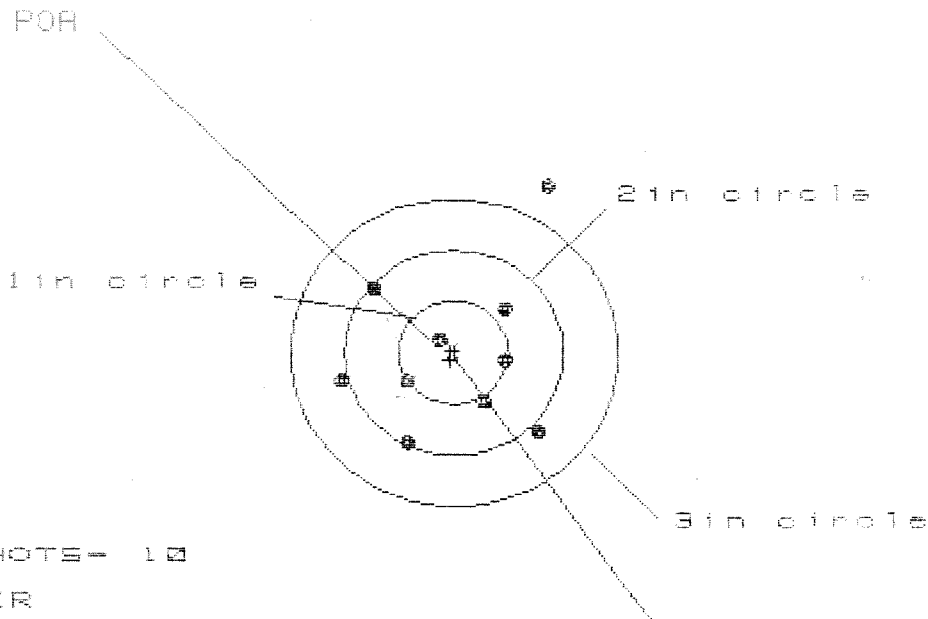
CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.851	.734	.763
MINIMUM X	-1.057	-.661	-.632
MAXIMUM Y	.720	.714	.597
MINIMUM Y	-.934	-.940	-.663
CENTROID X	.197	.314	.285
CENTROID Y	.092	.098	.215
POA TO CENTROID in.	.217	.329	.358
MIN RADIUS	.124	.037	.085
MEAN RADIUS	.645	.578	.516
MAX RADIUS	1.059	.969	.798
HORIZONTAL SPREAD	1.908	1.395	1.395
VERTICAL SPREAD	1.654	1.654	1.260
EXTREME SPREAD	1.909	1.671	1.395
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	9		
NUMBER IN THREE INCH CIRCLE =	10		

13 Feb 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 1.866

VS= 2.496

GS= 2.800

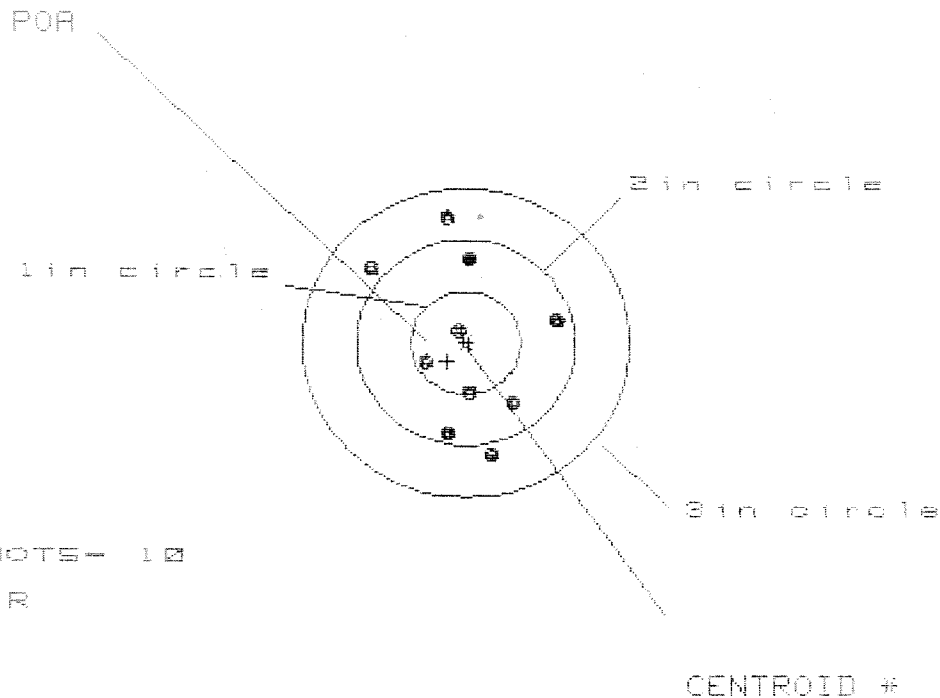
CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.833	.824	.786
MINIMUM X	-1.033	-.940	-.778
MAXIMUM Y	1.599	.785	.767
MINIMUM Y	-.897	-.720	-.738
CENTROID X	.031	-.062	.056
CENTROID Y	.073	-.105	-.087
POA TO CENTROID in.	.079	.122	.104
MIN RADIUS	.177	.334	.334
MEAN RADIUS	.827	.708	.664
MAX RADIUS	1.803	1.026	1.093
HORIZONTAL SPREAD	1.866	1.764	1.484
VERTICAL SPREAD	2.496	1.505	1.505
EXTREME SPREAD	2.800	1.995	1.995
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in - 3

2 in - 7

3 in - 10

HS= 1.766

VS= 2.246

GS= 2.280

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.881	.863	.750
MINIMUM X	-.885	-.903	-.472
MAXIMUM Y	1.183	.949	1.062
MINIMUM Y	-1.063	-.932	-.819
CENTROID X	.168	.186	.299
CENTROID Y	.177	.046	-.067
POA TO CENTROID in.	.244	.191	.306
MIN RADIUS	.156	.281	.249
MEAN RADIUS	.775	.711	.625
MAX RADIUS	1.193	1.276	1.064
HORIZONTAL SPREAD	1.766	1.766	1.223
VERTICAL SPREAD	2.246	1.881	1.881
EXTREME SPREAD	2.280	2.149	1.888
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		