

C6523345

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



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: **RE00129545**

Verify Repair

Serial: C6523345 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/19/1990

Repairman:

Status:

New 5/21/2007 7:30:11 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: FB4497 TMO 436 APS/TRT

FB4497 TMO 436 APS/TRT

Address 1: 505 ATLANTIC ST BLDG 505

505 ATLANTIC ST BLDG 505

Address 2: PO Box:

PO Box:

City: DOVER AFB

DOVER AFB

State: DE Zip Code: 19902

Country: US

State: DE Zip Code: 19902

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
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

5/22/2007

8:58 AM

CAPS

NUM

INS

SCRL

start

3 Micro...

Arms Ser...

Part Sear...

5 Inter...

3 Micro...

8:58 AM

Serial Number:

C6523345

Model: M24 SWS



RE00129545

0021
256
256

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

[illegible]

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523345.__0
FILE DATE AND TIME: 07/03/2007 14:51

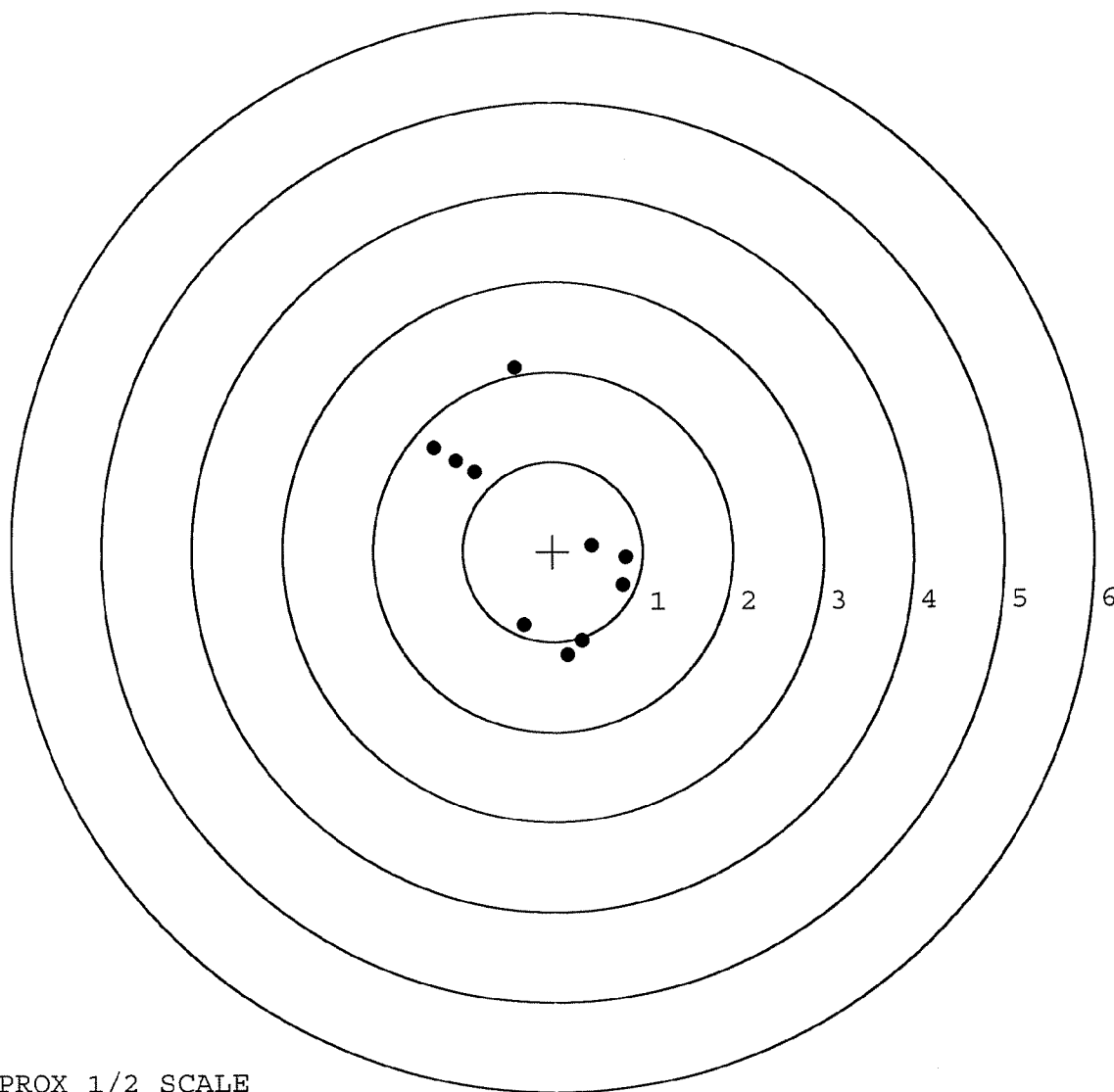
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.065
The Average Y Centroid of the Five Target Set:	-0.037
The Average Point of Impact of the Five Target Set:	0.075
The Average Mean Radius of the Five Target Set:	0.855
The Distance from POA to Centroid Target #1:	0.232
The Distance from Centroid Target #2 to Centroid Target #1:	0.490
The Distance from Centroid Target #3 to Centroid Target #1:	0.345
The Distance from Centroid Target #4 to Centroid Target #1:	0.119
The Distance from Centroid Target #5 to Centroid Target #1:	0.250

SERIAL NUMBER: C6523345. __0
TARGET NUMBER: 1
FILE DATE: 07/03/2007
FILE TIME: 14:51

POINT#	X	Y
1:	0.166	-1.153
2:	0.324	-0.988
3:	-0.325	-0.818
4:	0.774	-0.376
5:	0.810	-0.067
6:	0.435	0.073
7:	-0.864	0.891
8:	-1.070	1.015
9:	-1.315	1.165
10:	-0.411	2.047

X CENTROID: -0.148
Y CENTROID: 0.179
POA TO CENTROID: 0.232
HORZ SPREAD: 2.125
VERT SPREAD: 3.200
GROUP SPREAD: 3.252
MIN RADIUS: 0.592
MAX RADIUS: 1.887
MEAN RADIUS: 1.197
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 2
in 3 IN DIAMETER: 8

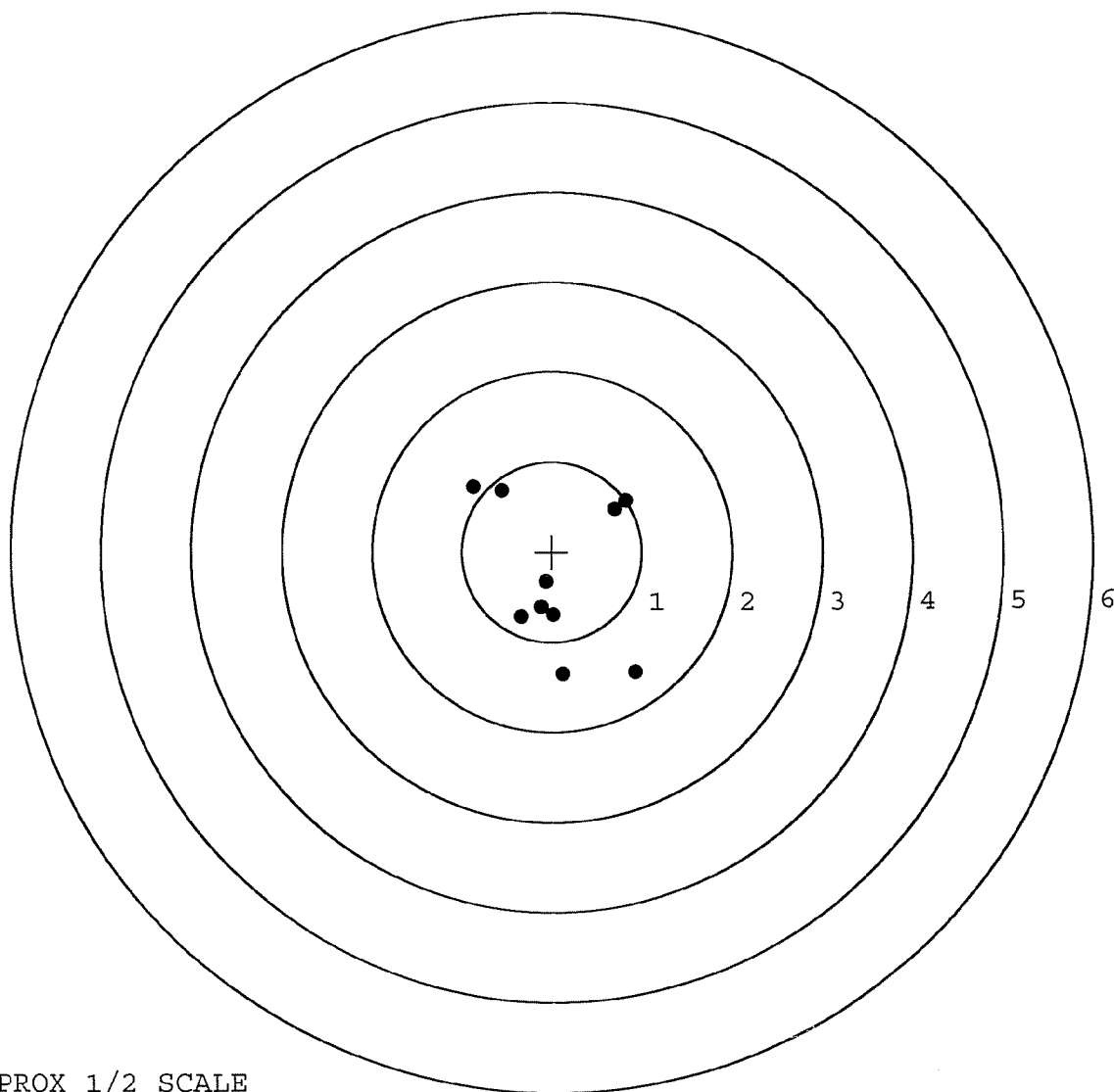


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523345. __0
TARGET NUMBER: 2
FILE DATE: 07/03/2007
FILE TIME: 14:51

POINT#	X	Y
1:	0.924	-1.335
2:	0.124	-1.366
3:	0.823	0.568
4:	0.706	0.478
5:	-0.556	0.683
6:	-0.870	0.720
7:	-0.071	-0.336
8:	0.015	-0.704
9:	-0.342	-0.724
10:	-0.122	-0.617

X CENTROID: 0.063
Y CENTROID: -0.263
POA TO CENTROID: 0.271
HORZ SPREAD: 1.794
VERT SPREAD: 2.086
GROUP SPREAD: 2.728
MIN RADIUS: 0.153
MAX RADIUS: 1.375
MEAN RADIUS: 0.868
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 10

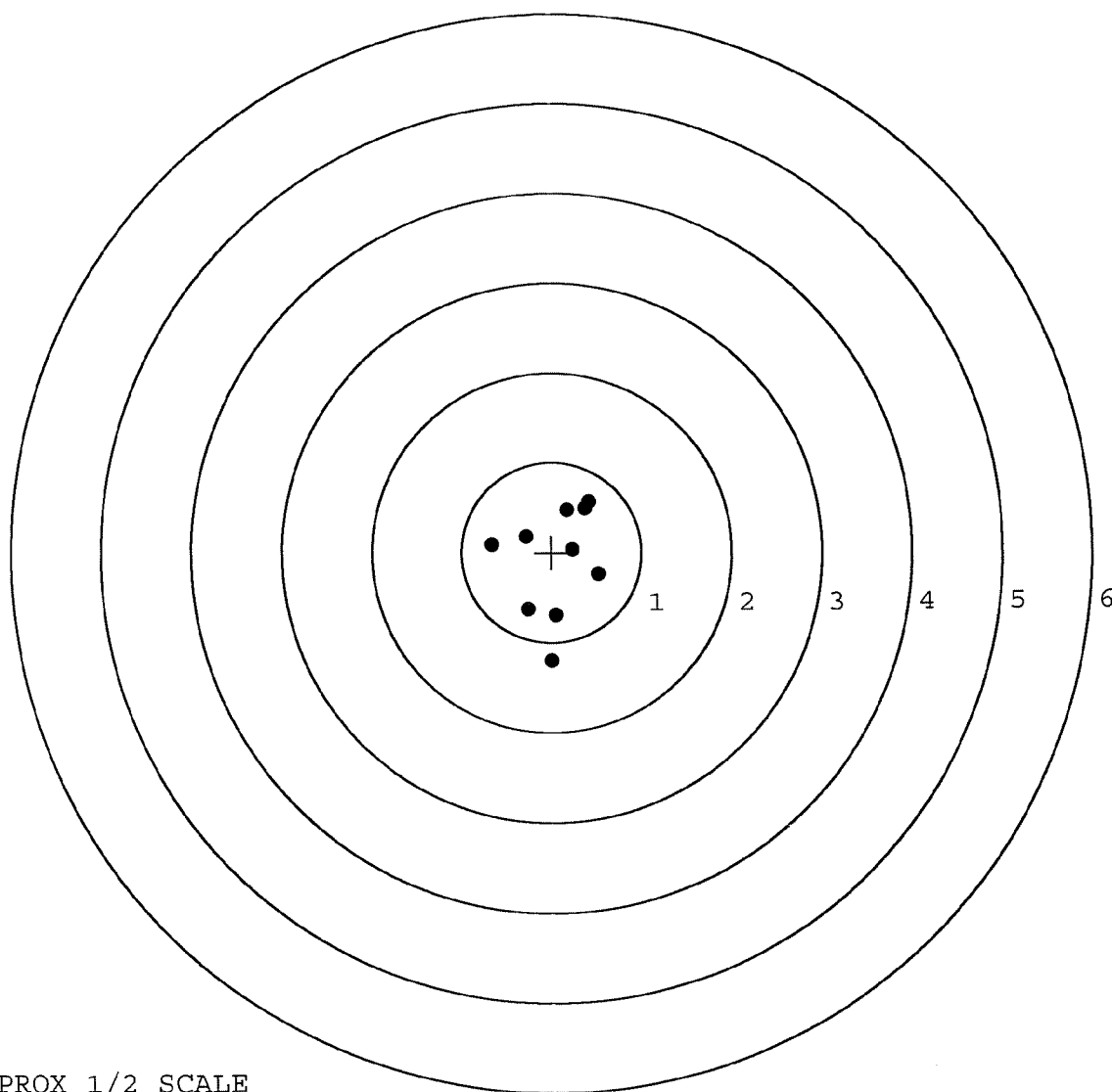


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523345. __0
TARGET NUMBER: 3
FILE DATE: 07/03/2007
FILE TIME: 14:51

X CENTROID: 0.057
Y CENTROID: -0.098
POA TO CENTROID: 0.114
HORZ SPREAD: 1.189
VERT SPREAD: 1.770
GROUP SPREAD: 1.820
MIN RADIUS: 0.217
MAX RADIUS: 1.111
MEAN RADIUS: 0.624
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.004	-1.207
2:	0.051	-0.706
3:	-0.263	-0.638
4:	0.524	-0.241
5:	0.235	0.027
6:	0.421	0.563
7:	0.177	0.468
8:	-0.282	0.178
9:	-0.665	0.088
10:	0.380	0.487

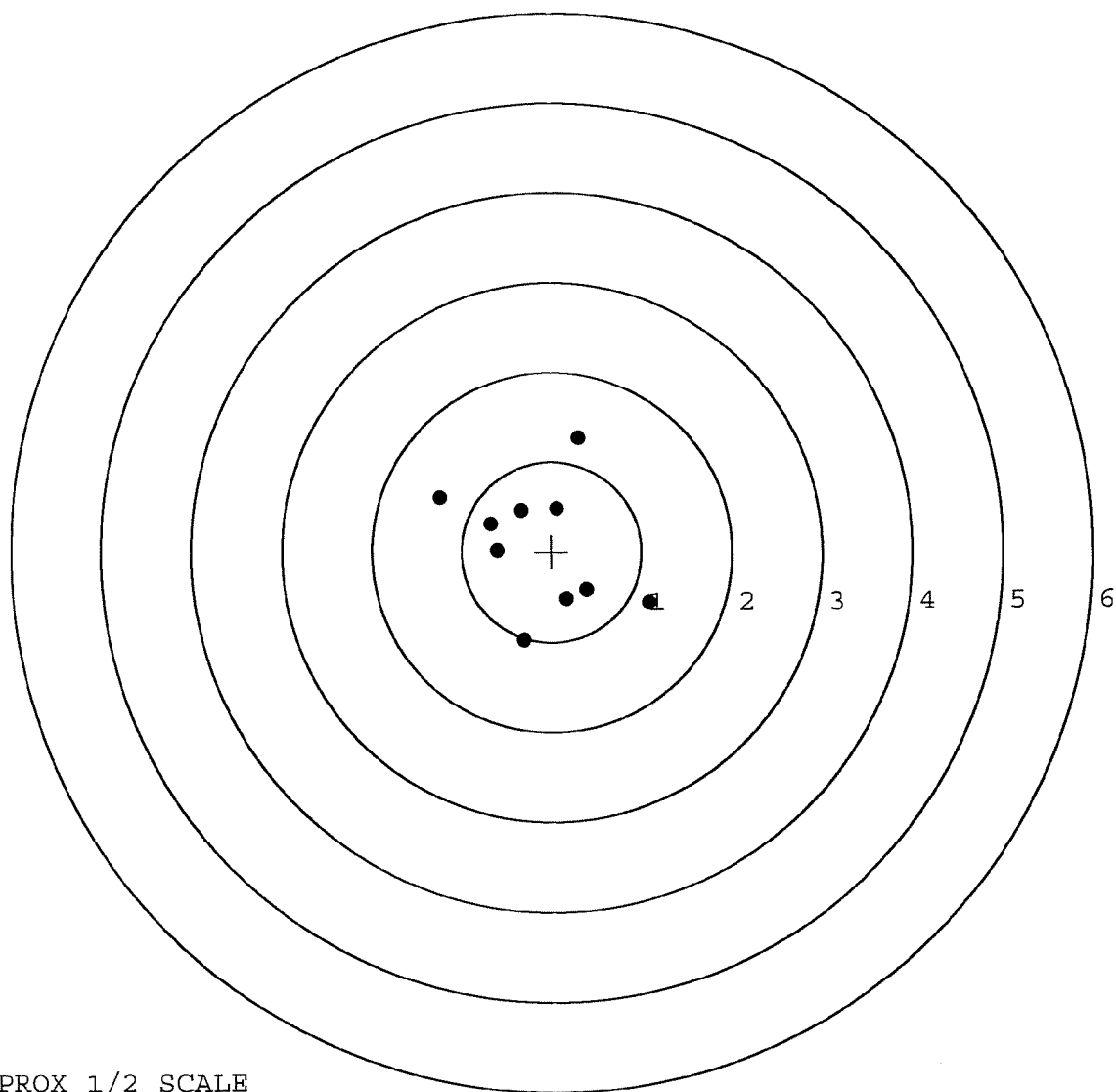


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523345. __0
TARGET NUMBER: 4
FILE DATE: 07/03/2007
FILE TIME: 14:51

X CENTROID: -0.116
Y CENTROID: 0.064
POA TO CENTROID: 0.133
HORZ SPREAD: 2.327
VERT SPREAD: 2.246
GROUP SPREAD: 2.602
MIN RADIUS: 0.452
MAX RADIUS: 1.352
MEAN RADIUS: 0.830
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.082	-0.562
2:	-0.313	-0.984
3:	0.167	-0.522
4:	0.391	-0.425
5:	-0.605	0.020
6:	-0.675	0.309
7:	-0.338	0.458
8:	0.064	0.479
9:	-1.245	0.603
10:	0.307	1.262



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523345. __0

TARGET NUMBER: 5

FILE DATE: 07/03/2007

FILE TIME: 14:51

POINT#	X	Y
1:	0.569	-0.658
2:	0.170	-0.689
3:	-1.021	-1.345
4:	-0.510	-0.380
5:	-0.231	-0.329
6:	-0.037	-0.064
7:	0.345	0.354
8:	0.010	0.477
9:	-0.549	0.722
10:	-0.584	1.230

X CENTROID: -0.184

Y CENTROID: -0.068

POA TO CENTROID: 0.196

HORZ SPREAD: 1.590

VERT SPREAD: 2.575

GROUP SPREAD: 2.612

MIN RADIUS: 0.147

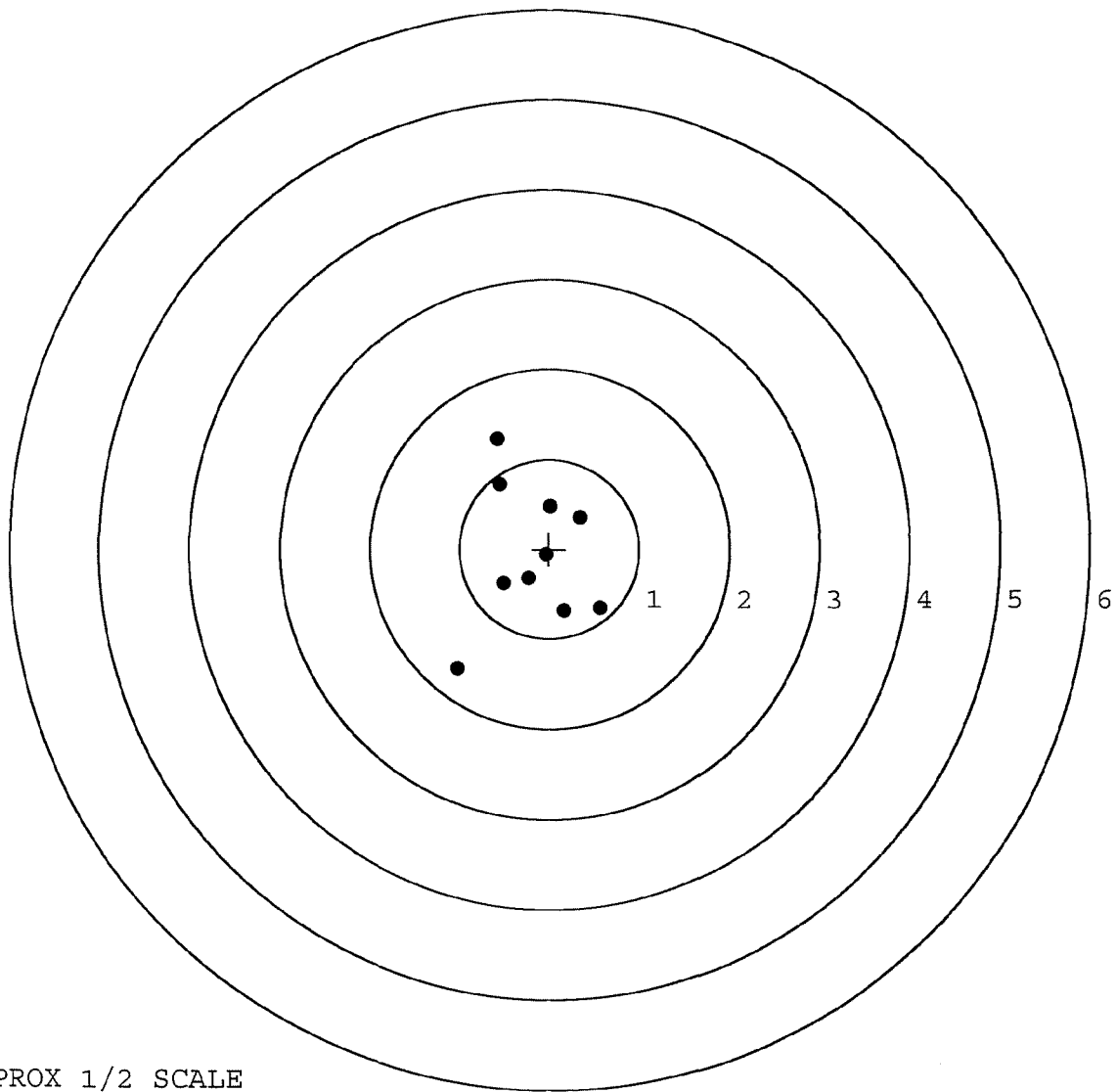
MAX RADIUS: 1.527

MEAN RADIUS: 0.755

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



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 6-18-07

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.61	2.72		2.53	
PULL #2	2.61	2.65		2.65	
PULL #3	2.63	2.80		2.56	
PULL #4	2.63	2.57		2.59	
PULL #5	2.77	2.78		2.48	
TOTAL	13.25	13.52		12.81	
AVERAGE	2.65	2.70		2.56	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.48	3.55		
PULL #2	3.46	3.57		
PULL #3	3.52	3.56		
PULL #4	3.49	3.52		
PULL #5	3.52	3.60		
TOTAL	17.47	17.80		
AVERAGE	3.49	3.56		

	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	4.51	4.37		4.36
PULL #2	4.50	4.69		4.45
PULL #3	4.53	4.66		4.49
PULL #4	4.56	4.50		4.43
PULL #5	4.59	4.73		4.36
TOTAL	22.69	22.95		22.09
AVERAGE	4.53	4.59		4.41

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

R & E NUMBER <u>129545</u>			
SERIAL NUMBER <u>C6523345</u>			
LOG-IN DATE <u>5-21-07</u>			

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-18-07	RTZ
505	RE-BARREL	6-22-07	RTZ
560	ASSEMBLE	6-22-07	RTZ
600	PROOF	6-22-07	TRW
605	CHECK HEADSPACE	6-22-07	TRW
610	DIS-ASSEMBLE GUN	6-22-07	RTZ
612	MAGNAFLUX	6/25/07	vermel
510	DRILL AND TAP	6-22-07	SD
615	ROLLMARK CALIBER	6-26-07	CW
618	ROTO-BLAST	6-26-07	LB
620	APPLY COATINGS	6-28-07	CM
625	FINAL ASSEMBLY	7-2-07	J.P.D.
640	FUNCTION TEST AND	7-10-07	TRW
650	TARGET	7-3-07	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		
	A) HEADSPACE	PASS FAIL	
	B) TRIGGER PULL	256 252 246 251 260 1207	RA
680	F) SAFETY ON FORCE	55 50 50 7207	RA
	G) SAFETY OFF FORCE	3.2 3.2 3.2 7207	RA
	I) FIRING PIN INDENT	.023 .024 .024 7207	RA
690	PACK	7-10-07	RA

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: **RE00092545** Serial: C6523345 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 2/7/2005 8:16:55 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: DEF DIST DEPOT ANNISTON DEF DIST DEPOT ANNISTON

Address 1: Address 2: PO Box: PO Box:

City: ANNISTON ANNISTON

State: AL Zip Code: 362014199 Country: US State: AL Zip Code: 362014199 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing																		
Contact Information Phone: Fax: Email: Comments:	Received Condition Good Condition Notes: CSR Notes:	Accessories Received <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>3</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> <tr> <td>A057</td> <td>Frt and Rear Sct Base</td> <td>1</td> </tr> </tbody> </table>			Code	Desc	Qty	A007	With Stud	3	A010	Hard Case	1	A017	Scope Base	1	A026	Scope	1	A057	Frt and Rear Sct Base	1
Code	Desc	Qty																				
A007	With Stud	3																				
A010	Hard Case	1																				
A017	Scope Base	1																				
A026	Scope	1																				
A057	Frt and Rear Sct Base	1																				

Repair Search Refresh Close

maglet 2/7/2005 10:19 AM CAPS NUM IINE SCPL

start 2

Serial Number: **C6523345**

Model: **M24 SWS**



RE00092545

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523345.___0
FILE DATE AND TIME: 04/20/2005 06:48

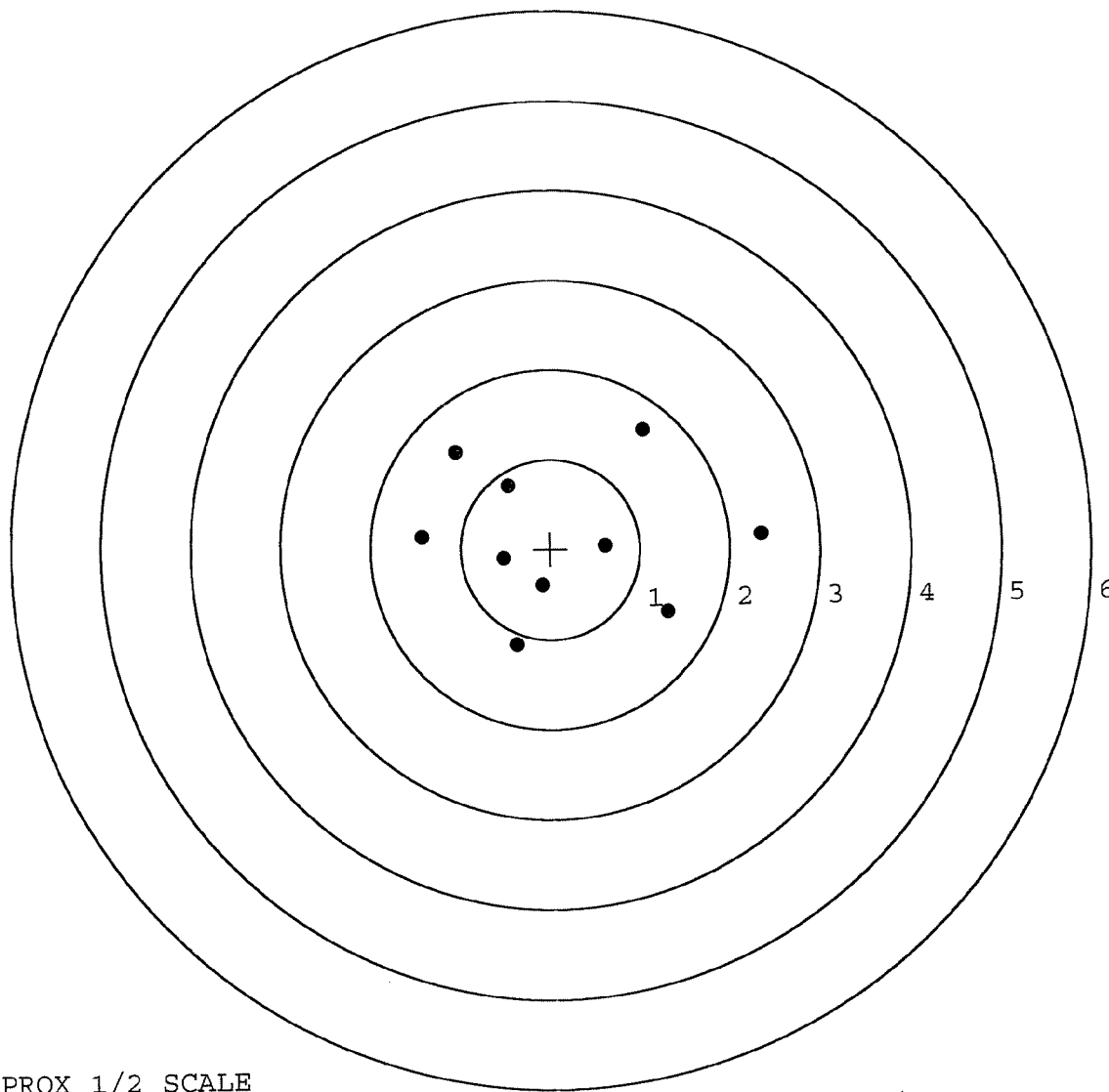
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.008
The Average Y Centroid of the Five Target Set:	0.081
The Average Point of Impact of the Five Target Set:	0.082
The Average Mean Radius of the Five Target Set:	0.945
The Distance from POA to Centroid Target #1:	0.178
The Distance from Centroid Target #2 to Centroid Target #1:	0.111
The Distance from Centroid Target #3 to Centroid Target #1:	0.320
The Distance from Centroid Target #4 to Centroid Target #1:	0.140
The Distance from Centroid Target #5 to Centroid Target #1:	0.397

SERIAL NUMBER: C6523345. __0
TARGET NUMBER: 1
FILE DATE: 04/20/2005
FILE TIME: 06:48

X CENTROID: 0.136
Y CENTROID: 0.115
POA TO CENTROID: 0.178
HORZ SPREAD: 3.782
VERT SPREAD: 2.374
GROUP SPREAD: 3.782
MIN RADIUS: 0.481
MAX RADIUS: 2.215
MEAN RADIUS: 1.213
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 6

POINT#	X	Y
1:	2.351	0.140
2:	1.053	1.316
3:	1.301	-0.709
4:	0.609	0.028
5:	-0.098	-0.404
6:	-0.391	-1.058
7:	-0.525	-0.105
8:	-0.464	0.708
9:	-1.042	1.092
10:	-1.431	0.143



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523345. __0

TARGET NUMBER: 2

FILE DATE: 04/20/2005

FILE TIME: 06:48

X CENTROID: 0.099

Y CENTROID: 0.010

POA TO CENTROID: 0.099

HORZ SPREAD: 2.712

VERT SPREAD: 2.505

GROUP SPREAD: 3.072

MIN RADIUS: 0.299

MAX RADIUS: 1.737

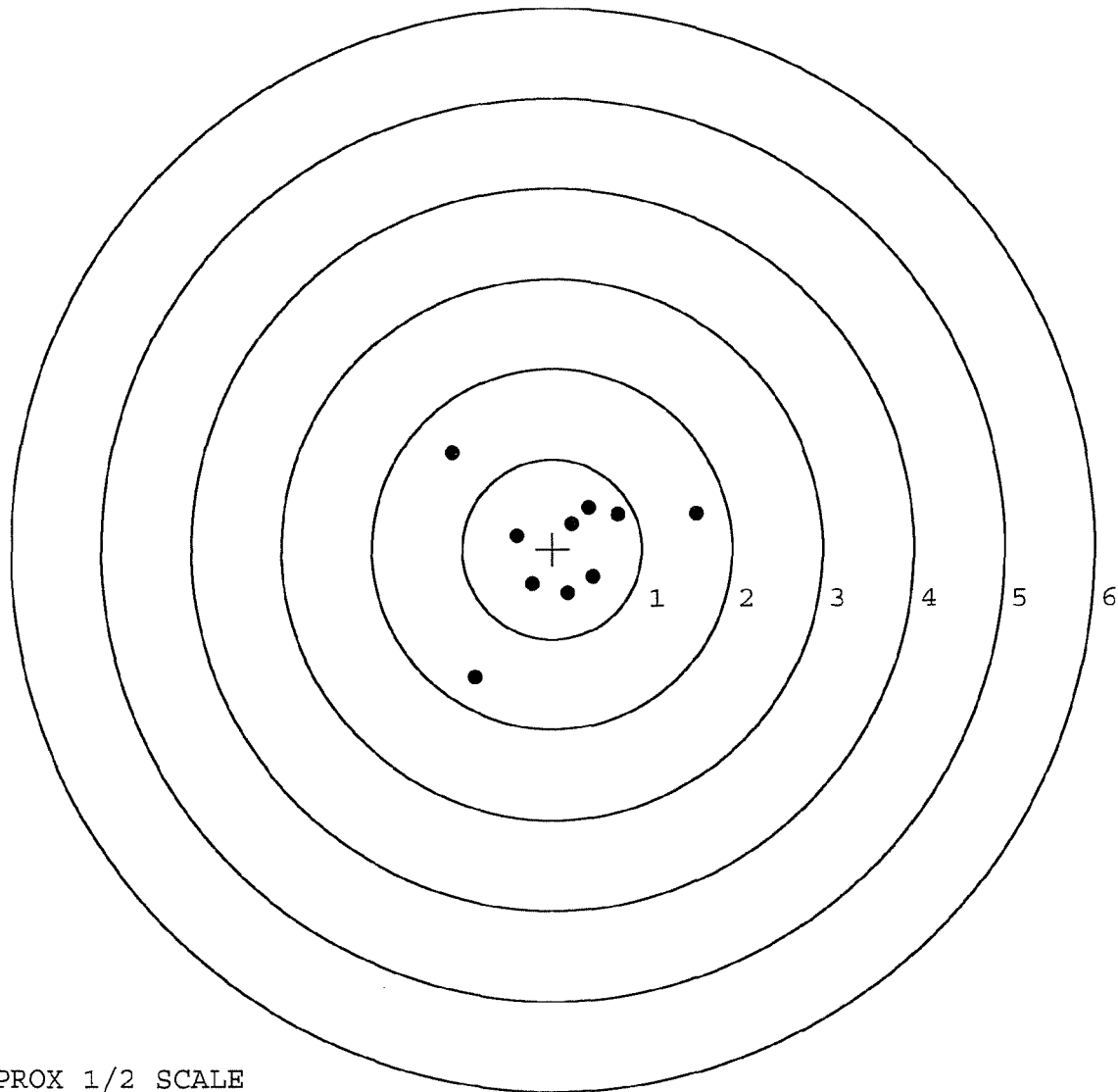
MEAN RADIUS: 0.850

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	1.601	0.401
2:	0.728	0.389
3:	0.401	0.460
4:	0.215	0.286
5:	0.457	-0.312
6:	0.174	-0.497
7:	-0.226	-0.398
8:	-0.394	0.149
9:	-0.858	-1.440
10:	-1.111	1.065



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523345. __0

TARGET NUMBER: 3

FILE DATE: 04/20/2005

FILE TIME: 06:48

POINT#	X	Y
1:	0.888	-0.618
2:	0.590	-0.154
3:	0.297	-0.242
4:	1.134	1.117
5:	1.058	1.602
6:	-0.492	-0.291
7:	-0.786	-0.777
8:	-0.810	0.657
9:	-1.588	0.740
10:	-1.447	1.093

X CENTROID: -0.116

Y CENTROID: 0.313

POA TO CENTROID: 0.333

HORZ SPREAD: 2.722

VERT SPREAD: 2.379

GROUP SPREAD: 3.010

MIN RADIUS: 0.691

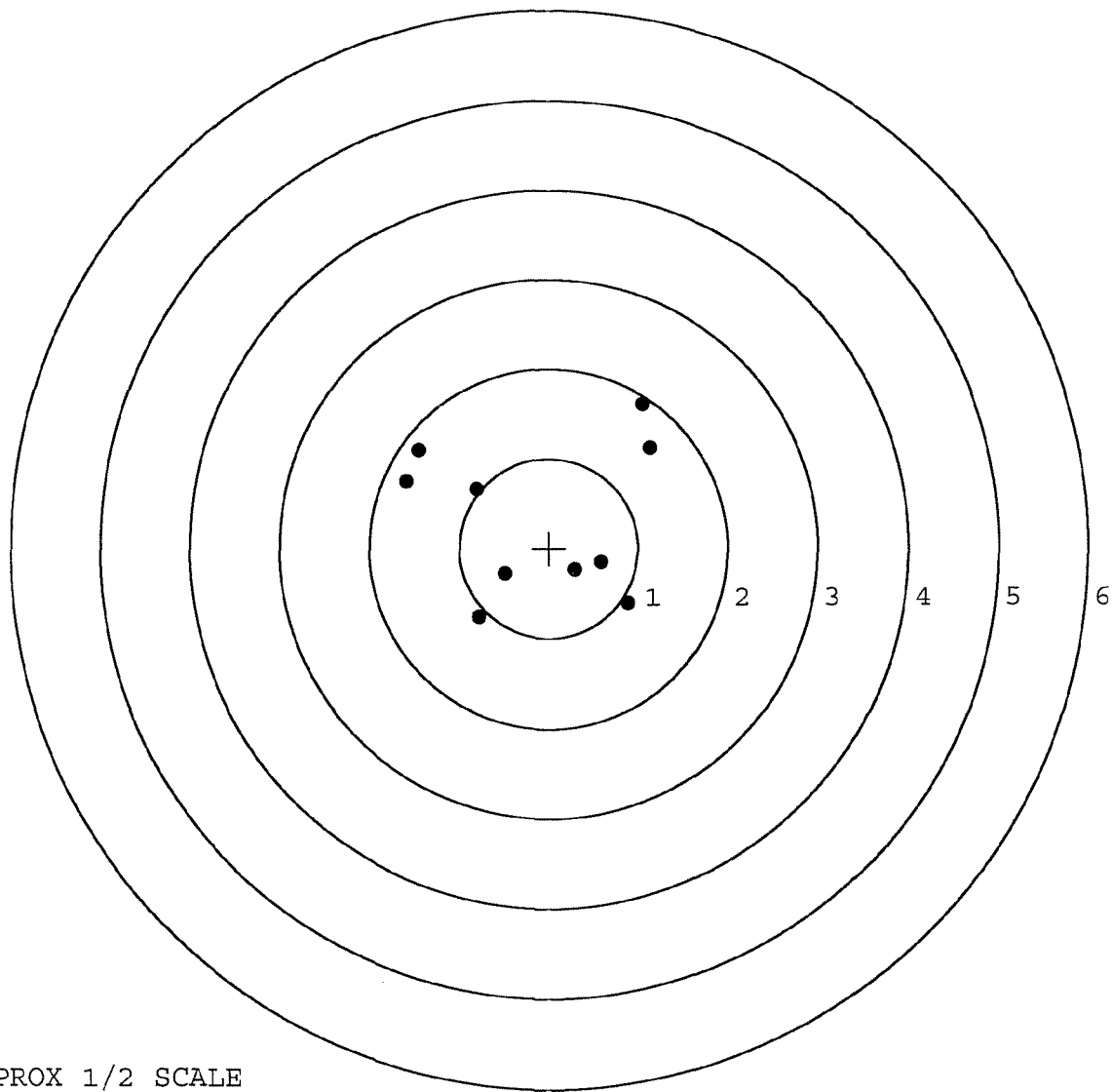
MAX RADIUS: 1.743

MEAN RADIUS: 1.198

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523345. __0

TARGET NUMBER: 4

FILE DATE: 04/20/2005

FILE TIME: 06:48

POINT#	X	Y
1:	0.020	1.209
2:	-0.351	0.617
3:	-0.637	0.295
4:	0.466	0.057
5:	0.180	0.091
6:	-0.098	0.004
7:	-0.380	-0.207
8:	0.031	-0.234
9:	0.503	-0.436
10:	0.234	-0.164

X CENTROID: -0.003

Y CENTROID: 0.123

POA TO CENTROID: 0.123

HORZ SPREAD: 1.140

VERT SPREAD: 1.645

GROUP SPREAD: 1.714

MIN RADIUS: 0.152

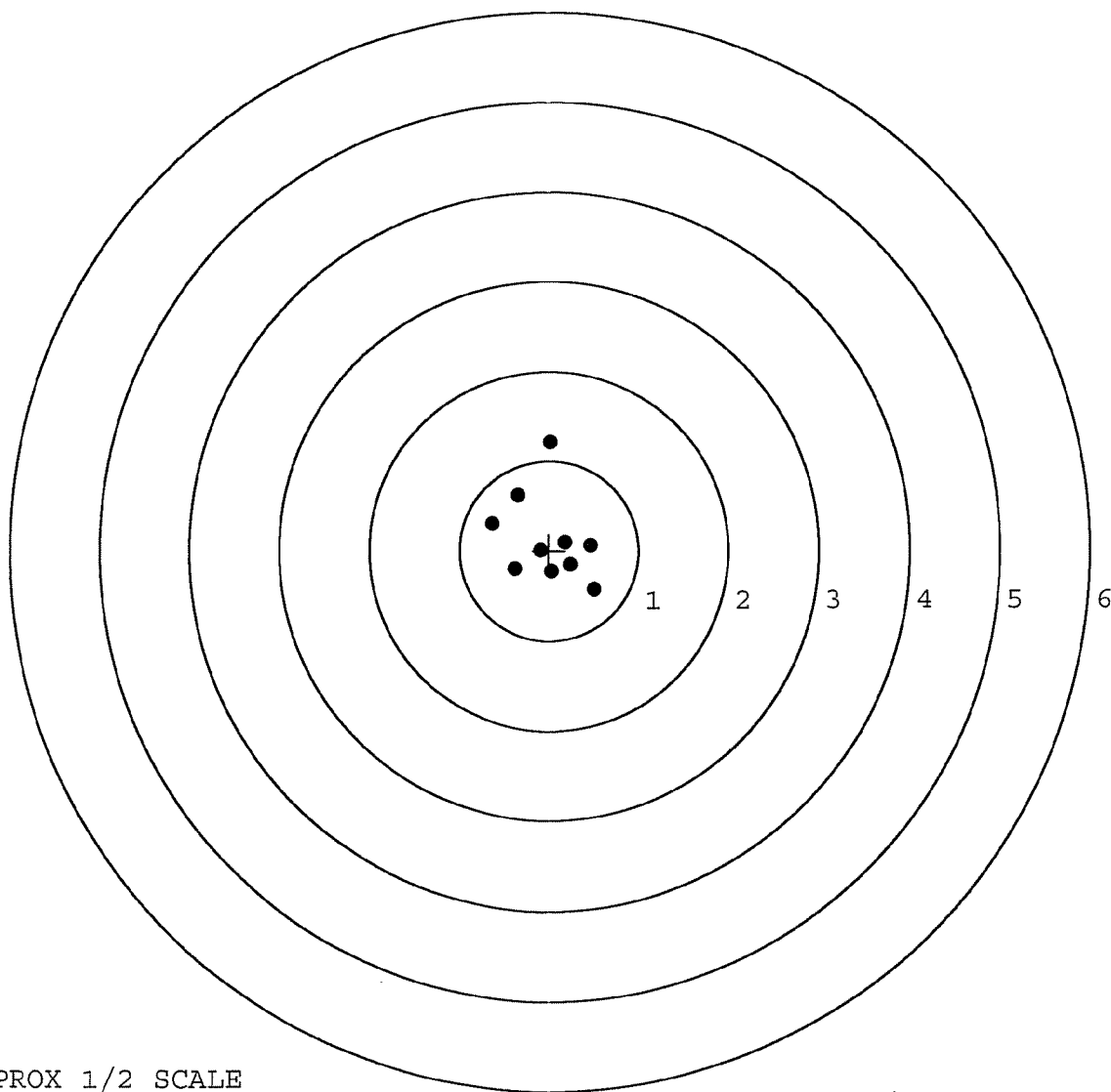
MAX RADIUS: 1.086

MEAN RADIUS: 0.515

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523345. __0

TARGET NUMBER: 5

FILE DATE: 04/20/2005

FILE TIME: 06:48

POINT#	X	Y
1:	0.601	-0.186
2:	-0.172	-0.371
3:	-0.353	0.909
4:	0.894	0.115
5:	-1.214	0.165
6:	-0.745	1.157
7:	-1.108	-0.823
8:	-0.377	-0.878
9:	0.173	-0.924
10:	0.749	-0.712

X CENTROID: -0.155

Y CENTROID: -0.155

POA TO CENTROID: 0.219

HORZ SPREAD: 2.108

VERT SPREAD: 2.081

GROUP SPREAD: 2.393

MIN RADIUS: 0.217

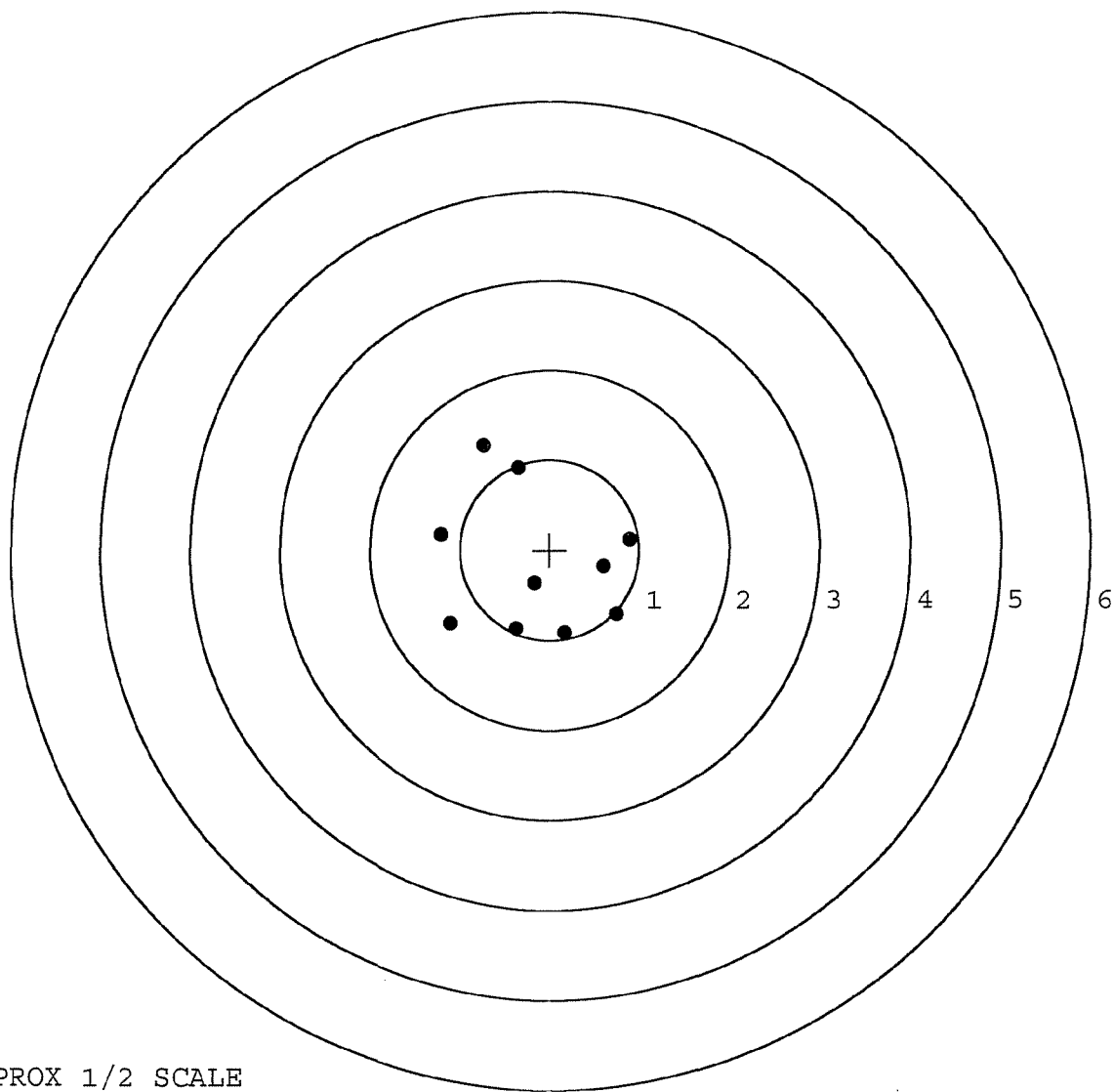
MAX RADIUS: 1.438

MEAN RADIUS: 0.950

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 10



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)

SERIAL NO. _____

DATE 3-11-05

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.17	2.38		2.37	
PULL #2	2.27	2.41		2.31	
PULL #3	2.24	2.43		2.32	
PULL #4	2.31	2.38		2.31	
PULL #5	2.29	2.37		2.26	
TOTAL	11.28	11.97		11.57	
AVERAGE	2.25	2.39		2.31	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	3.12		
PULL #2	3.21	3.20		
PULL #3	3.18	3.16		
PULL #4	3.19	3.13		
PULL #5	3.18	3.18		
TOTAL	15.95	15.79		
AVERAGE	3.19	3.15		

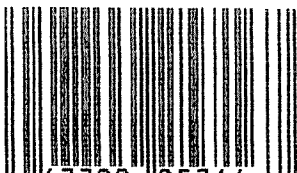
	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.42	4.24		4.20
PULL #2	4.38	4.17		4.41
PULL #3	4.35	4.28		4.23
PULL #4	4.44	4.03		4.24
PULL #5	4.18	4.21		4.33
TOTAL	21.77	20.93		21.41
AVERAGE	4.35	4.18		4.28

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

R & E NUMBER	92545		
SERIAL NUMBER	C6523345		
LOG-IN DATE	2-7-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-14-05	RTZ
560 A	RE-BARREL	3-17-05	RTZ
B	DRILL AND TAP	3-21-05	TRW
575	ASSEMBLE	3-18-05	RTZ
600	PROOF	3-21-05	AC
605	CHECK HEADSPACE	3-21-05	AC
610	DIS-ASSEMBLE GUN	3-21-05	RTZ
612	MAGNAFLUX	3-21-05	RTZ
615	ROLLMARK CALIBER	3-23-05	CW
618	ROTO-BLAST	3-29	JW
620	APPLY COATINGS	4/5	HP
625 A	FINAL ASSEMBLY	4-13-05	RTZ
B	TRIGGER PULL TEST	4-22-05	TRW
C	SAFETY "ON" FORCE	4-22-05	AC
D	SAFETY "OFF" FORCE	4-22-05	AC
E	FIRING PIN INDENT	4-22-05	AC
640	TARGET	4-20-05	TRW
655	FINAL INSPECT	4-22-05	AC
660	PACK	4-23-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington		DU PONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ H24		SERIAL NO. C6523345	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.			
 5716 C6523345			

UPC



0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

06523345

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 3	90	RW
600	Proof	10 3	90	RW
607	Check Headspace	10 3	90	RW
610	Dis-assemble Gun	10 3	90	RW
612	Magnaflux Barrel Action		10/11/90	KR
	Magnaflux Bolt		10/11/90	KR
615	Rollmark Caliber		10/11/90	GL
617	Drill and Tap Sight Holes		10/11/90	RB
618	Polish Barrel RB		10/12/90	WB
620	Apply Coatings (Barrel Action)		10-18-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/7/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/90	RW
	C) Inspect Ejector Hole for Chamfer		11/7/90	RW
	D) Oil Firing Pin Ass'y		11/7/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/9/90	ES

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			11/9/90	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			11/9/90	WB
	H) Trigger Pull Test & Retainability						11/9/90	EB
	I) Firing Pin Indent	.0205	.020	.0205			11/9/90	WB
	J) Assemble Stock						11/27/90	RW
	K) Assemble Swivel Studs						11-28-90	EB
	L) Attach Front and Rear Sight Assemblies						11/27/90	RW
	M) Iron Sight Alignment						11/27/90	RW
	N) Detach Front & Rear Sights & place in numbered container						11/27/90	RW
	O) Attach Scope to Rifle						11/27/90	RW
	P) Detach & Attach Scope 20 Times						11/27/90	RW
640	Gallery Target & Test						11-28-90	DH
	A) Time						11-27-90	DH
	B) Malfunctions						11-27-90	DH
	C) Pierced Primers						11-27-90	DH
	D) Optical Clarity of Scope						11-27-90	DH
645	Inspect for Live Ammo						11-27-90	DH
655	Final Inspection							
	A) Headspace						11-28-90	EB
	B) Trigger Pull	277	272	275	266	270	11-28-90	EB
	C) Function						11-28-90	EB
660	Pack						12-8-90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6523345

DATE 9/16/90

TESTER QD

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	244	219	247	277	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	236	213	253	272	
PULL #3	237	219	250	275	
PULL #4	233	217	252	266	
PULL #5	225	225	251	270	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	328	333		
PULL #2	330	329		
PULL #3	339	333		
PULL #4	333	334		
PULL #5	334	336		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	397	398		423
PULL #2	400	390		416
PULL #3	398	394		434
PULL #4	402	402		426
PULL #5	397	396		418
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06523345
27 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.37853
1 TO	2	.378906
1 TO	3	.149893
1 TO	4	.166301
1 TO	5	.348726

19 <----POA

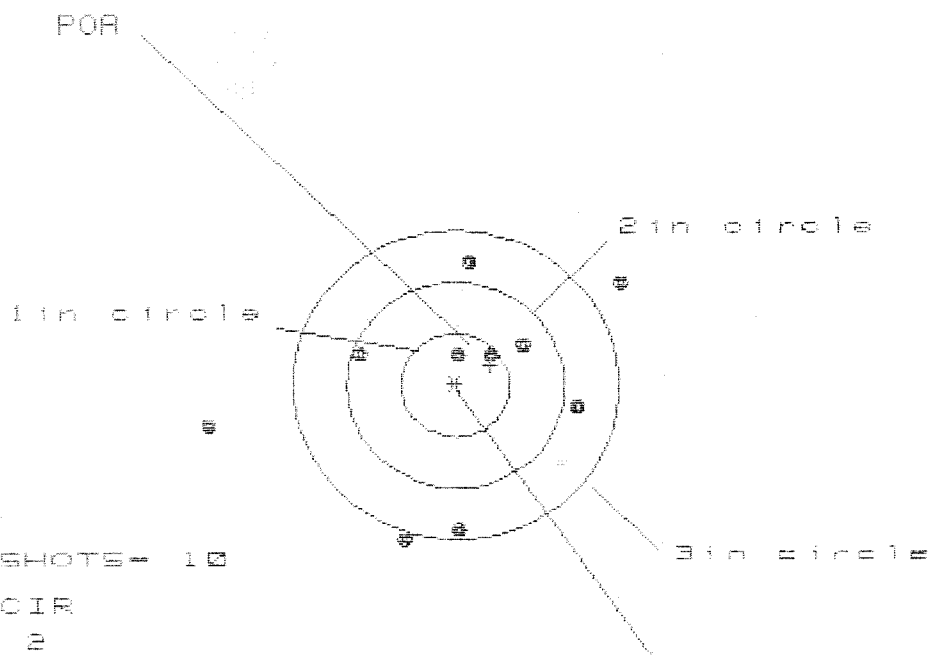
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.184
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0654
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .195277
THE AMR FOR THIS RIFLE IS: .9998

27 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523345

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS= 3.774

VS= 2.703

GS= 4.029

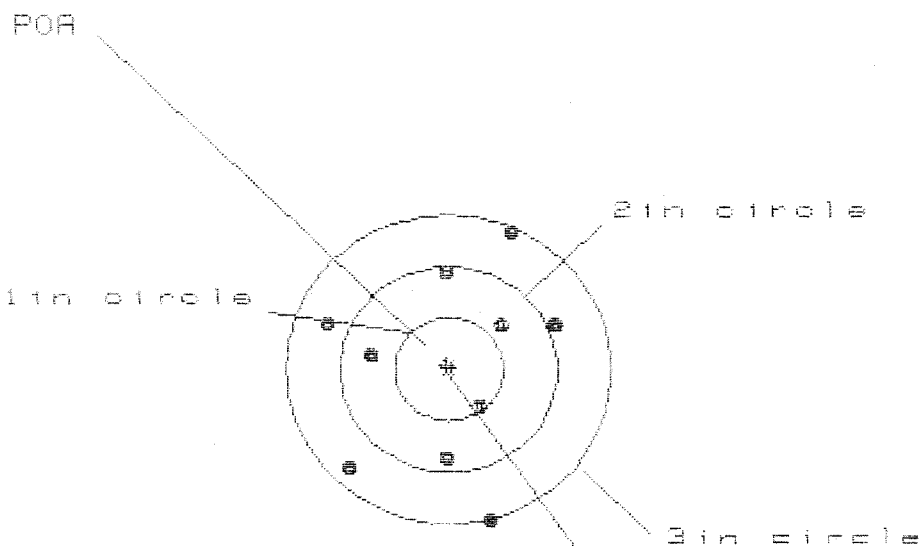
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.482	1.227	.971
MINIMUM X	-2.292	-1.088	-.935
MAXIMUM Y	1.158	1.117	1.241
MINIMUM Y	-1.545	-1.586	-1.462
CENTROID X	-.322	-.067	-.228
CENTROID Y	-.199	-.158	-.282
POR TO CENTROID in.	.378	.171	.358
MIN RADIUS	.299	.252	.396
MEAN RADIUS	1.178	1.006	.961
MAX RADIUS	2.322	1.767	1.590
HORIZONTAL SPREAD	3.774	2.315	1.906
VERTICAL SPREAD	2.703	2.703	2.703
EXTREME SPREAD	4.029	3.270	2.778
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 10

HS= 2.038

VS= 2.768

CS= 2.792

CENTROID #

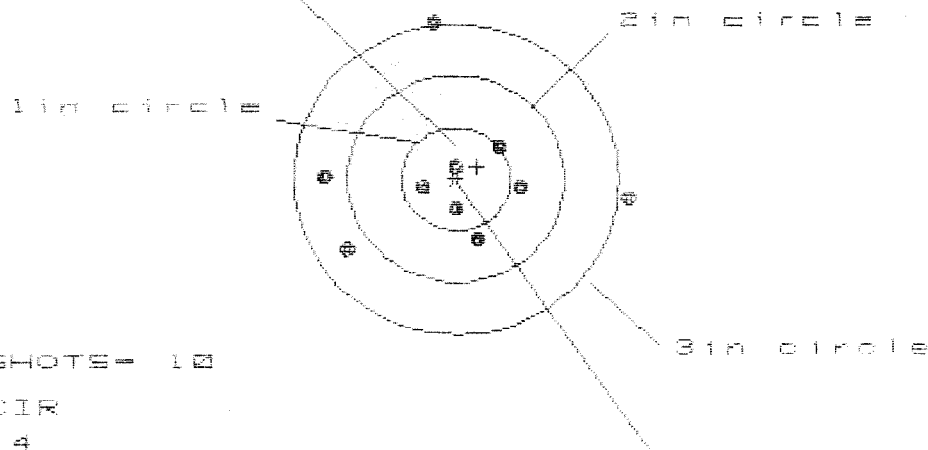
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.937	1.003	1.061
MINIMUM X	:	-1.101	-1.035	-.977
MAXIMUM Y	:	1.355	1.108	.950
MINIMUM Y	:	-1.413	-1.263	-.998
CENTROID X	:	.021	-.045	-.103
CENTROID Y	:	-.038	-.188	-.030
POA TO CENTROID in.	:	.043	.194	.107
MIN RADIUS	:	.500	.439	.500
MEAN RADIUS	:	1.011	.950	.895
MAX RADIUS	:	1.480	1.344	1.276
HORIZONTAL SPREAD	:	2.038	2.038	2.038
VERTICAL SPREAD	:	2.768	2.371	1.948
EXTREME SPREAD	:	2.792	2.407	2.320
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 3

POA



OF SHOTS= 10

IN CIR

1in = 4

2in = 5

3in = 8

HS= 2.800

VS= 2.194

GS= 2.811

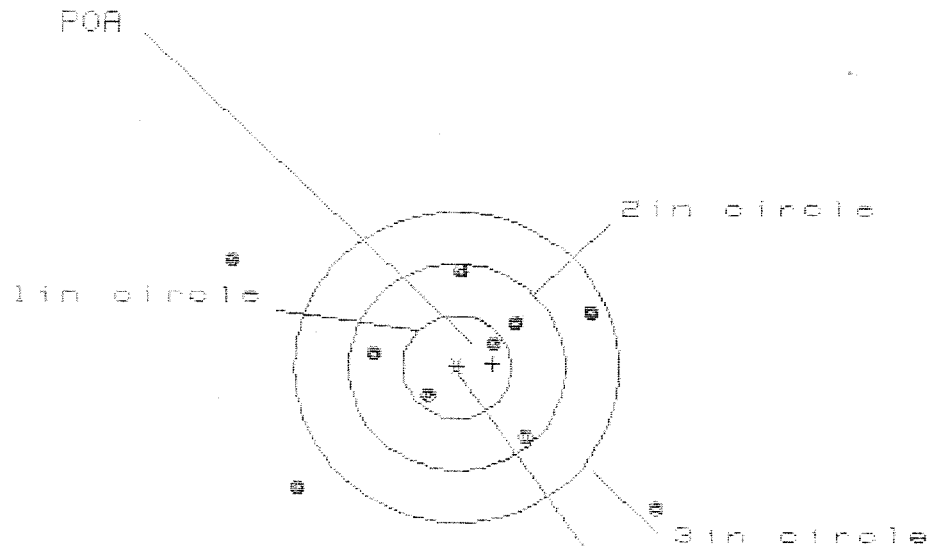
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.553	.797	.789
MINIMUM X	:	-1.247	-1.075	-1.083
MAXIMUM Y	:	1.543	1.519	.471
MINIMUM Y	:	-.651	-.675	-.485
CENTROID X	:	-.194	-.366	-.358
CENTROID Y	:	-.121	-.097	-.287
POA TO CENTROID in.	:	.228	.379	.459
MIN RADIUS	:	.090	.134	.164
MEAN RADIUS	:	.802	.725	.602
MAX RADIUS	:	1.568	1.520	1.100
HORIZONTAL SPREAD	:	2.800	1.872	1.872
VERTICAL SPREAD	:	2.194	2.194	.956
EXTREME SPREAD	:	2.811	2.317	1.878
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 7

HS= 3.974

VS= 2.407

GS= 4.646

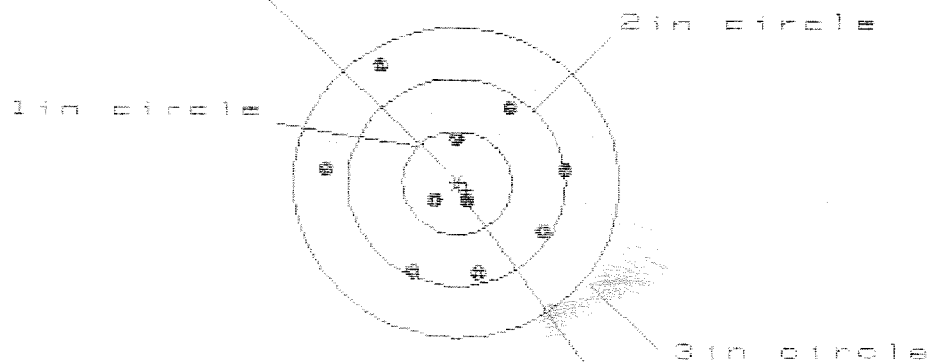
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.860	1.625	1.237
MINIMUM X	:	-2.115	-1.717	-1.514
MAXIMUM Y	:	1.082	1.023	.873
MINIMUM Y	:	-1.325	-1.205	-1.147
CENTROID X	:	-.332	-.097	-.300
CENTROID Y	:	-.033	-.153	-.003
POA TO CENTROID in.	:	.333	.181	.300
MIN RADIUS	:	.381	.366	.393
MEAN RADIUS	:	1.197	1.054	.909
MAX RADIUS	:	2.375	2.022	1.900
HORIZONTAL SPREAD	:	3.974	3.342	2.751
VERTICAL SPREAD	:	2.407	2.228	2.020
EXTREME SPREAD	:	4.646	3.348	3.229
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 5

POB



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 2.201

VS= 2.020

GS= 2.209

CENTROID #

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.008	.926	.767
MINIMUM X	-1.193	-1.275	-.668
MAXIMUM Y	1.133	.905	.933
MINIMUM Y	-.886	-.761	-.732
CENTROID X	-.093	-.011	.148
CENTROID Y	.064	-.062	-.090
POB TO CENTROID in.	.112	.063	.173
MIN RADIUS	.173	.023	.153
MEAN RADIUS	.811	.725	.663
MAX RADIUS	1.349	1.294	.986
HORIZONTAL SPREAD	2.201	2.201	1.427
VERTICAL SPREAD	2.020	1.666	1.666
EXTREME SPREAD	2.209	2.201	1.891
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	