

06348861

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5715**

*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: RE00141256

Serial: C6348861 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/13/1989

Repairman:

Status: Closed 2/5/2008 10:17:43 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DODAAC: W91L3M

DODAAC: W91L3M

Address 1: WDDA FSB BAGRAM AFLD

WDDA FSB BAGRAM AFLD

Address 2: SMALL ARMS SUPPORT

PO Box:

SMALL ARMS SUPPORT

PO Box:

City: BAGRAM APO

BAGRAM APO

State: AF

Zip Code: 09354

Country: AE

State: AF

Zip Code: 09354

Country: AE

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
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1
D000	SCOPE CASE	1

Repair Search

Refresh

Close

nagletj

2/7/2008

4:20 PM

NUM

Serial Number:

C6348861

Model: M24 SWS



RE00141256

R & E NUMBER 00141256SERIAL NUMBER C6348861LOG-IN DATE 2-5-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	2-15-08	RTZ
505	RE-BARREL	2-20-08	RTZ
560	ASSEMBLE	2-20-08	RTZ
600	PROOF	2-20-08	TRW
605	CHECK HEADSPACE	2-20-08	TRW
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX	2/21/08	cmw
510	DRILL AND TAP	2-21-08	FM
615	ROLLMARK CALIBER	2-21-08	CW
618	ROTO-BLAST	2-22-08	DG
620	APPLY COATINGS	2-26-08	CM
625	FINAL ASSEMBLY	2-28-08	RTZ
640	FUNCTION TEST AND	2-28-08	TRW
650	TARGET	2-28-08	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	2-28-08	RP
	A) HEADSPACE	3-3-08	DA
	B) TRIGGER PULL	3-3-08	DA
		2.88 2.90 2.84 2.90 2.85 3.30 8	
680	F) SAFETY ON FORCE	6.2 6.2 5.5 3-3-08	DA
	G) SAFETY OFF FORCE	4.25 4.25 4.25 3-3-08	DA
	I) FIRING PIN INDENT	.023 .023 .023 3-3-08	DA
690	PACK	17/5/08	FM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348861.___0
FILE DATE AND TIME: 03/03/2008 09:38

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.061
The Average Y Centroid of the Five Target Set:	-0.057
The Average Point of Impact of the Five Target Set:	0.084
The Average Mean Radius of the Five Target Set:	0.751
The Distance from POA to Centroid Target #1:	0.391
The Distance from Centroid Target #2 to Centroid Target #1:	0.329
The Distance from Centroid Target #3 to Centroid Target #1:	0.513
The Distance from Centroid Target #4 to Centroid Target #1:	0.351
The Distance from Centroid Target #5 to Centroid Target #1:	0.390

BARBER - M24 0040012

SERIAL NUMBER: C6348861. __0

TARGET NUMBER: 1

FILE DATE: 03/03/2008

FILE TIME: 09:38

POINT#	X	Y
1:	2.418	-0.919
2:	1.155	0.544
3:	1.084	0.862
4:	0.363	0.344
5:	0.606	-0.342
6:	0.062	-0.808
7:	-0.877	-0.934
8:	-0.578	-0.706
9:	-0.719	-0.516
10:	-0.856	-0.389

X CENTROID: 0.266

Y CENTROID: -0.286

POA TO CENTROID: 0.391

HORZ SPREAD: 3.295

VERT SPREAD: 1.796

GROUP SPREAD: 3.317

MIN RADIUS: 0.345

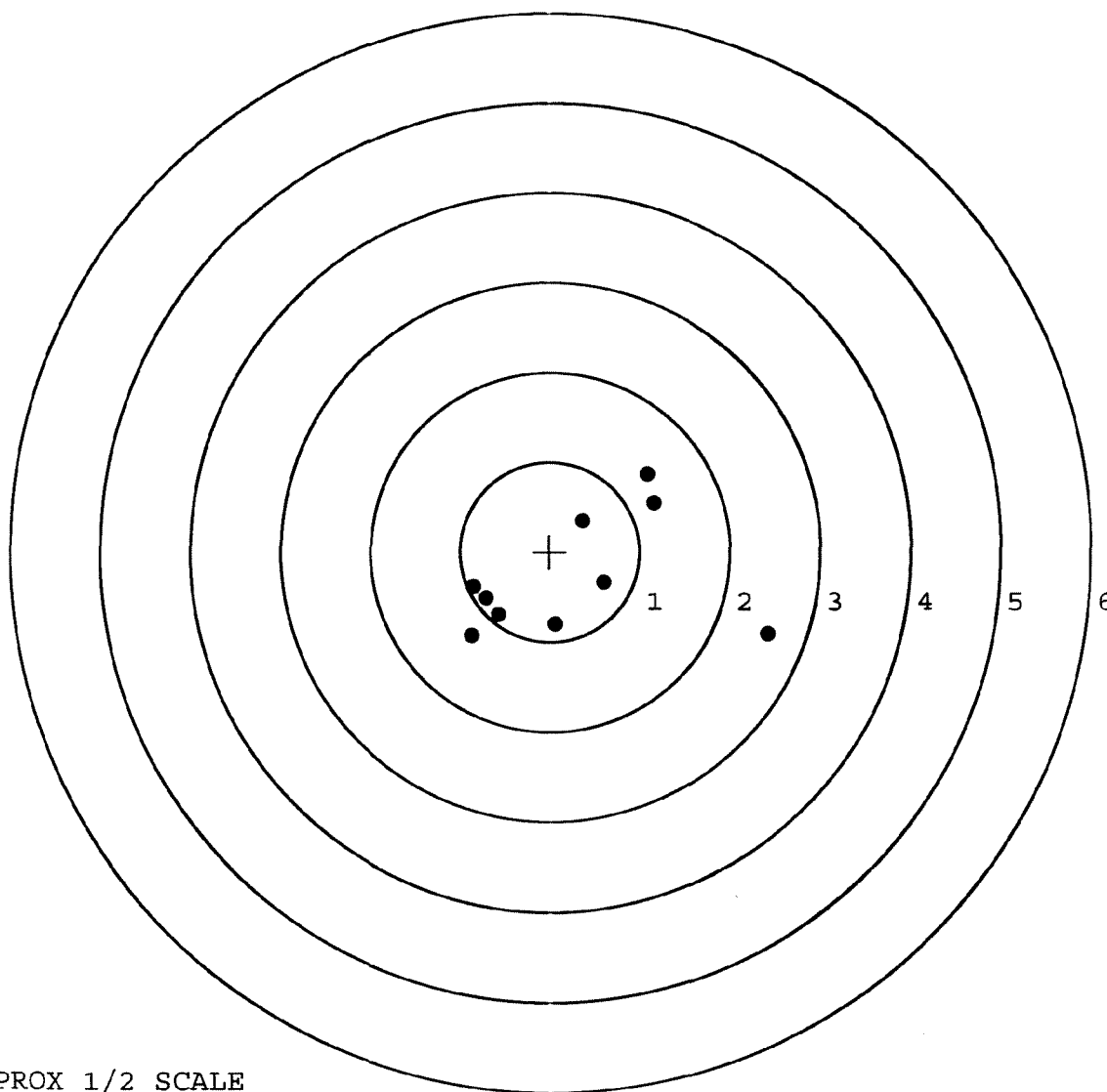
MAX RADIUS: 2.243

MEAN RADIUS: 1.081

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0040013

SERIAL NUMBER: C6348861. __0

TARGET NUMBER: 2

FILE DATE: 03/03/2008

FILE TIME: 09:38

POINT#	X	Y
1:	1.290	0.293
2:	0.717	0.267
3:	0.331	0.414
4:	0.057	0.639
5:	-0.796	0.288
6:	0.182	-0.075
7:	0.234	-0.562
8:	-0.088	-0.293
9:	-0.324	-0.728
10:	-0.713	-0.330

X CENTROID: 0.089

Y CENTROID: -0.009

POA TO CENTROID: 0.089

HORZ SPREAD: 2.086

VERT SPREAD: 1.367

GROUP SPREAD: 2.098

MIN RADIUS: 0.114

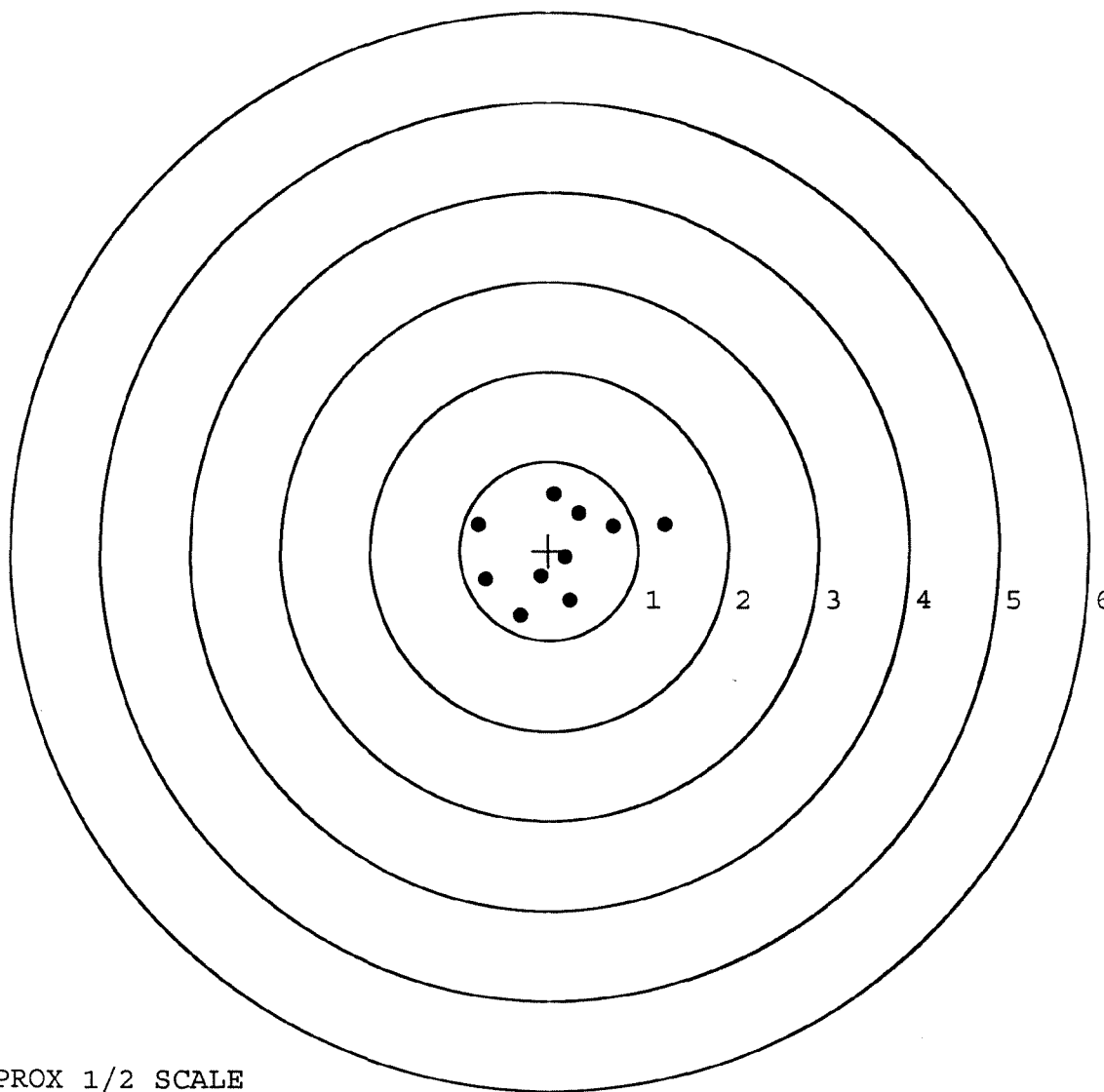
MAX RADIUS: 1.238

MEAN RADIUS: 0.671

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0040014

SERIAL NUMBER: C6348861. 0

TARGET NUMBER: 3

FILE DATE: 03/03/2008

FILE TIME: 09:38

POINT#	X	Y
1:	0.790	0.492
2:	0.491	0.182
3:	0.367	0.073
4:	0.225	-0.374
5:	-0.109	-0.745
6:	-0.008	0.028
7:	-0.194	0.181
8:	-0.478	0.361
9:	-0.594	0.070
10:	-1.114	0.813

X CENTROID: -0.062

Y CENTROID: 0.108

POA TO CENTROID: 0.125

HORZ SPREAD: 1.904

VERT SPREAD: 1.558

GROUP SPREAD: 1.931

MIN RADIUS: 0.097

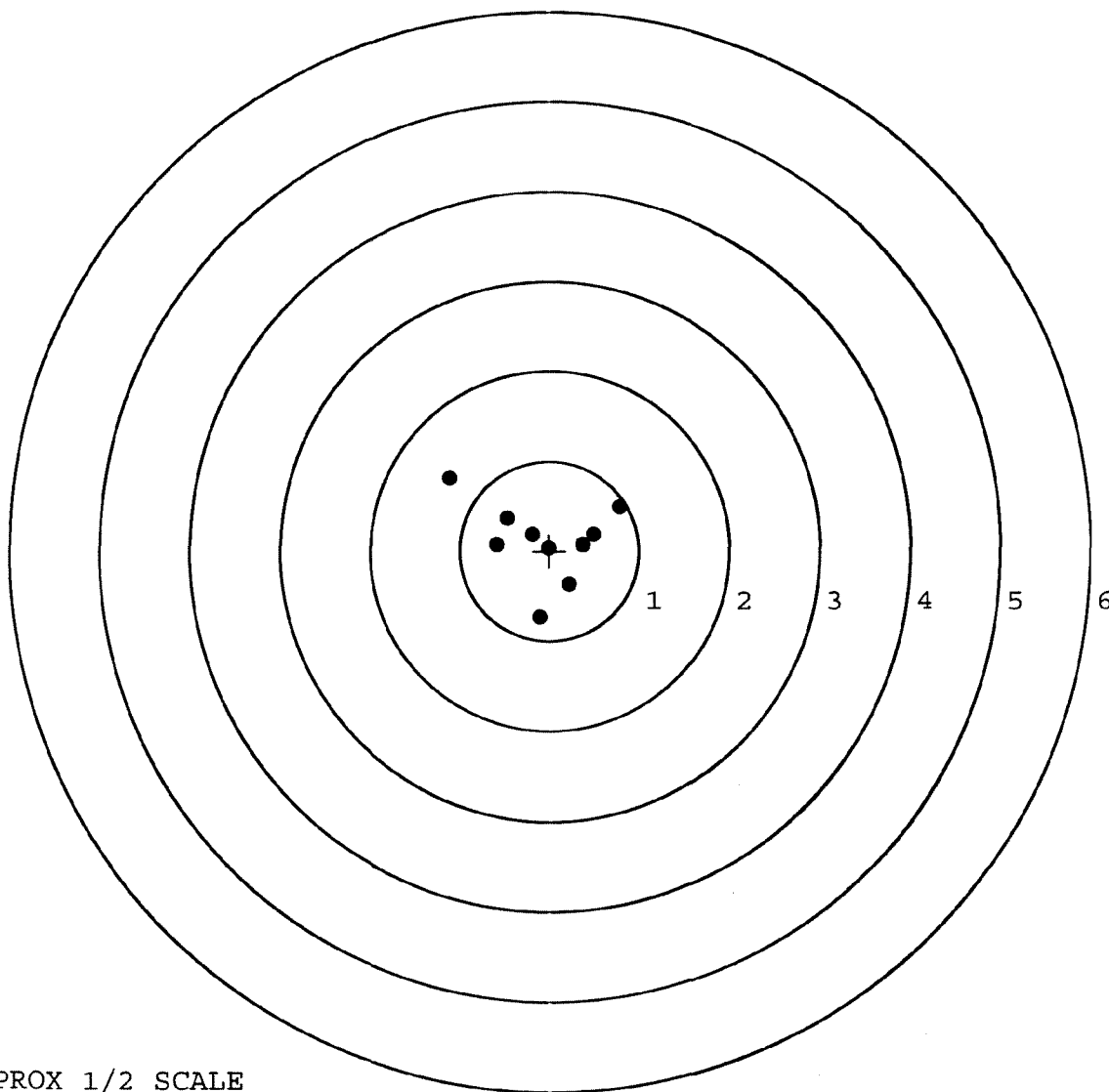
MAX RADIUS: 1.266

MEAN RADIUS: 0.587

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0040015

SERIAL NUMBER: C6348861. __0

TARGET NUMBER: 4

FILE DATE: 03/03/2008

FILE TIME: 09:38

POINT#	X	Y
1:	0.869	0.022
2:	0.183	0.721
3:	-1.395	0.869
4:	-0.555	-0.191
5:	-0.403	-0.390
6:	-0.071	-0.919
7:	0.363	-0.591
8:	0.017	-0.474
9:	0.307	-0.338
10:	0.102	-0.223

X CENTROID: -0.058

Y CENTROID: -0.151

POA TO CENTROID: 0.162

HORZ SPREAD: 2.264

VERT SPREAD: 1.788

GROUP SPREAD: 2.417

MIN RADIUS: 0.176

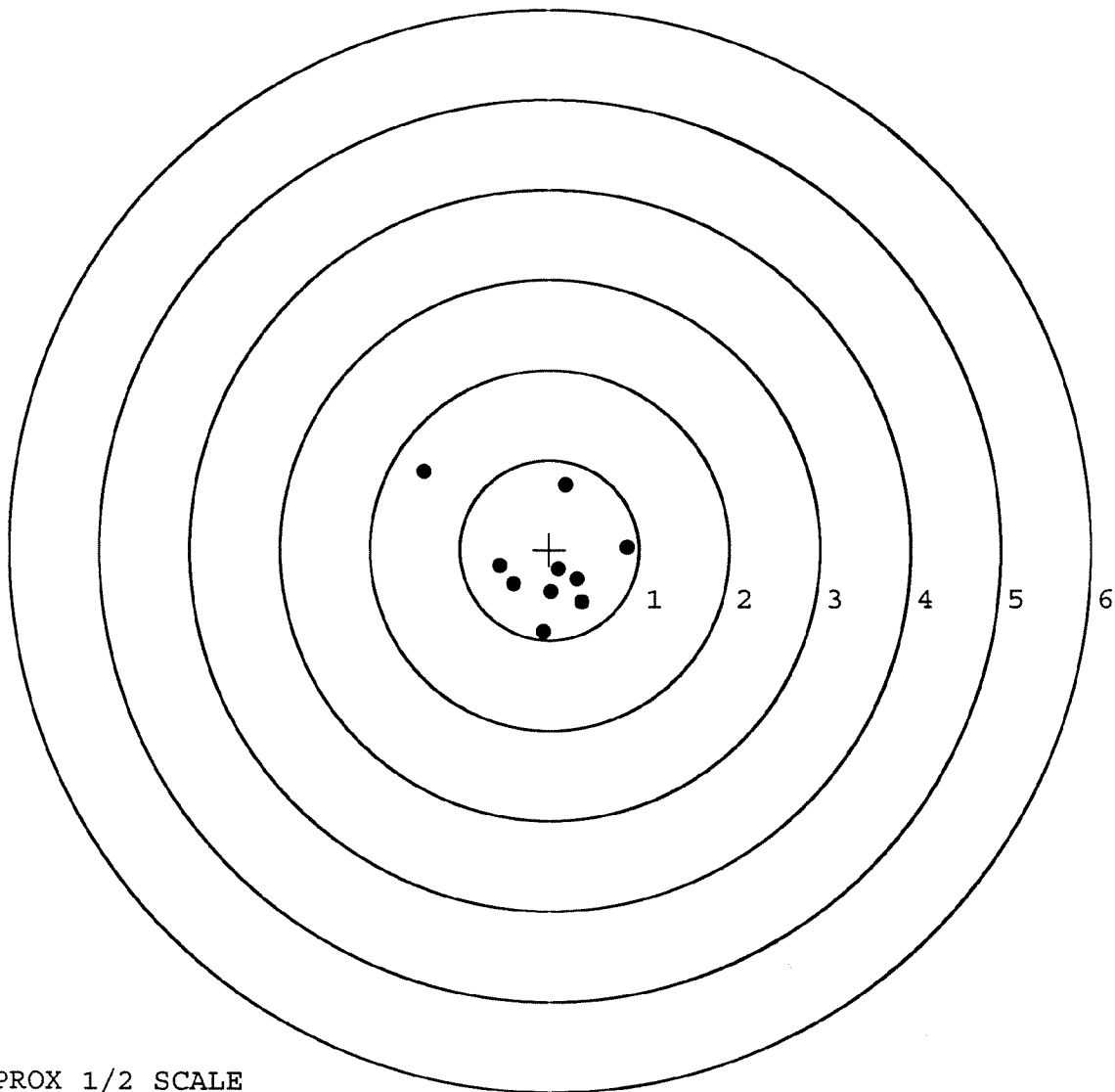
MAX RADIUS: 1.682

MEAN RADIUS: 0.674

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0040016

SERIAL NUMBER: C6348861. 0

TARGET NUMBER: 5

FILE DATE: 03/03/2008

FILE TIME: 09:38

POINT#	X	Y
1:	1.181	1.069
2:	-0.099	1.022
3:	-0.350	0.482
4:	-0.101	0.112
5:	0.398	-0.024
6:	0.700	-0.430
7:	0.529	-0.574
8:	-0.221	-0.351
9:	-0.680	-0.245
10:	-0.651	-0.551

X CENTROID: 0.071

Y CENTROID: 0.051

POA TO CENTROID: 0.087

HORZ SPREAD: 1.861

VERT SPREAD: 1.643

GROUP SPREAD: 2.446

MIN RADIUS: 0.182

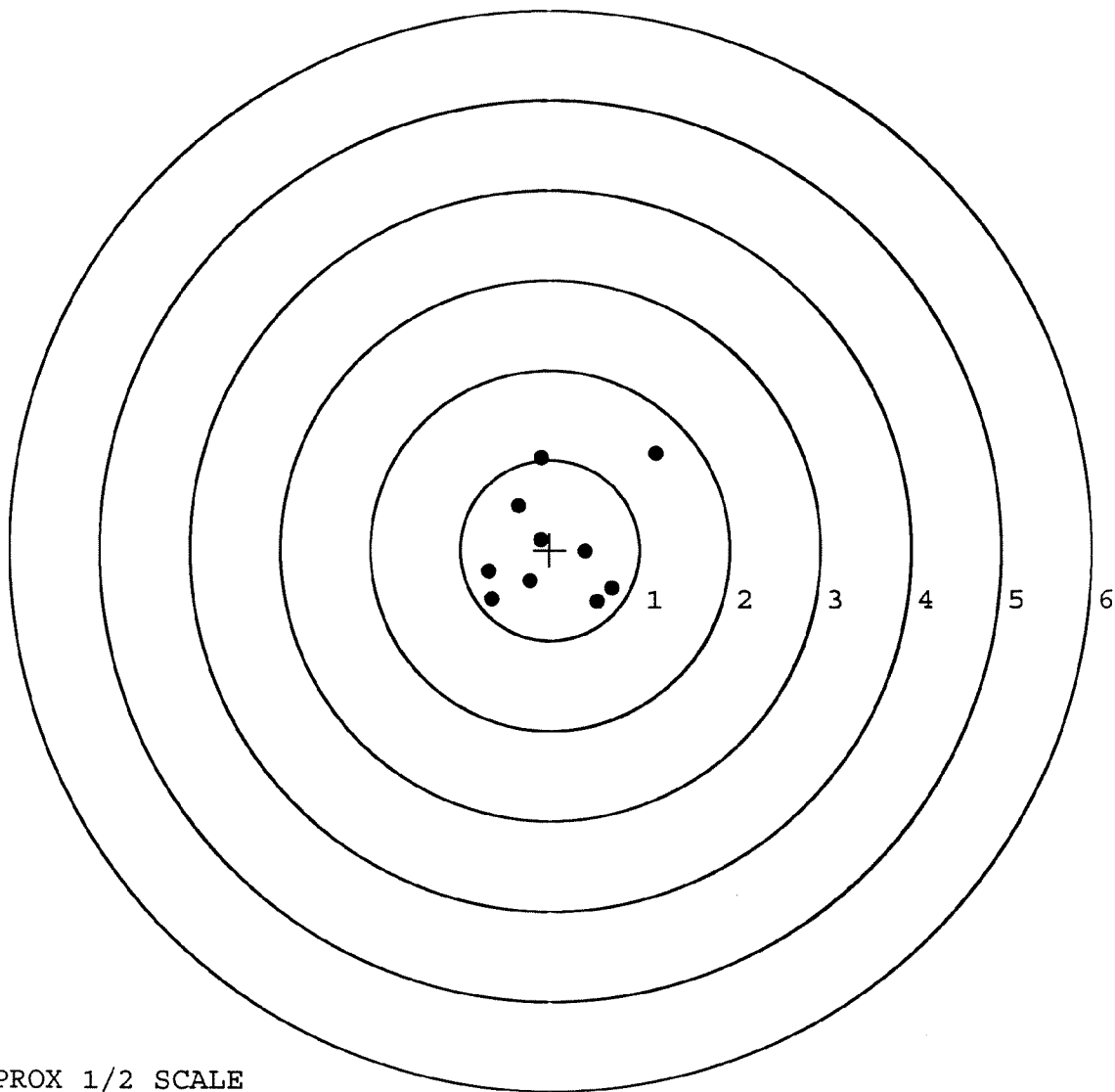
MAX RADIUS: 1.506

MEAN RADIUS: 0.742

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

AVERAGE BULL 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 6-21-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	254	249		255	
PULL #2	260	251		250	
PULL #3	234	246		252	
PULL #4	267	253		250	
PULL #5	277	256		252	
TOTAL	1292	1255		1259	
AVERAGE	258	251		251	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	310	302		
PULL #2	310	304		
PULL #3	312	314		
PULL #4	301	310		
PULL #5	293	297		
TOTAL	1526	1527		
AVERAGE	305	305		

	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	418	392		410
PULL #2	392	391		408
PULL #3	410	415		396
PULL #4	403	411		417
PULL #5	401	409		421
TOTAL	2024	2018		2052
AVERAGE	404	403		410

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348861.___0

FILE DATE AND TIME: 08/02/2002 11:06

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.066
The Average Y Centroid of the Five Target Set:	-0.002
The Average Point of Impact of the Five Target Set:	0.066
The Average Mean Radius of the Five Target Set:	0.938
The Distance from POA to Centroid Target #1:	0.302
The Distance from Centroid Target #2 to Centroid Target #1:	0.236
The Distance from Centroid Target #3 to Centroid Target #1:	0.467
The Distance from Centroid Target #4 to Centroid Target #1:	0.463
The Distance from Centroid Target #5 to Centroid Target #1:	0.539

BARBER - M24 0040020

SERIAL NUMBER: C6348861. 0

TARGET NUMBER: 1

FILE DATE: 08/02/2002

FILE TIME: 11:06

POINT#	X	Y
1:	0.276	-1.217
2:	-0.060	-0.749
3:	0.756	0.301
4:	0.415	1.016
5:	0.037	0.721
6:	-0.060	0.324
7:	-0.973	0.733
8:	0.428	0.459
9:	0.108	0.529
10:	0.269	0.651

X CENTROID: 0.120

Y CENTROID: 0.277

POA TO CENTROID: 0.302

HORZ SPREAD: 1.729

VERT SPREAD: 2.233

GROUP SPREAD: 2.316

MIN RADIUS: 0.186

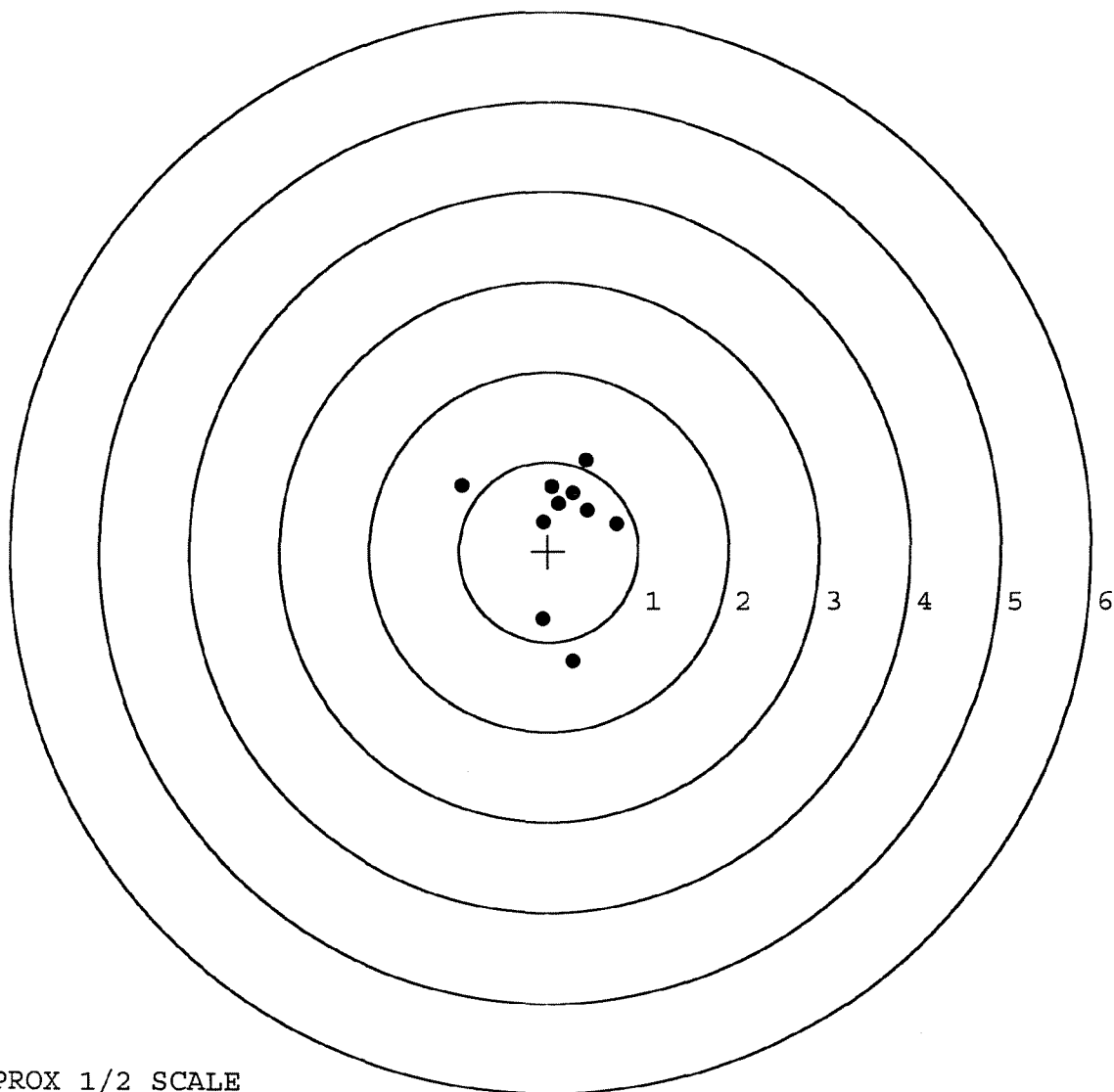
MAX RADIUS: 1.502

MEAN RADIUS: 0.681

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0040021

SERIAL NUMBER: C6348861. __0

TARGET NUMBER: 2

FILE DATE: 08/02/2002

FILE TIME: 11:06

POINT#	X	Y
1:	-0.116	-1.740
2:	-0.453	-0.258
3:	-0.548	-0.048
4:	-0.959	0.009
5:	-0.390	2.742
6:	0.586	0.380
7:	0.353	0.226
8:	0.131	0.375
9:	0.103	-0.252
10:	0.486	0.085

X CENTROID: -0.081

Y CENTROID: 0.152

POA TO CENTROID: 0.172

HORZ SPREAD: 1.545

VERT SPREAD: 4.482

GROUP SPREAD: 4.490

MIN RADIUS: 0.308

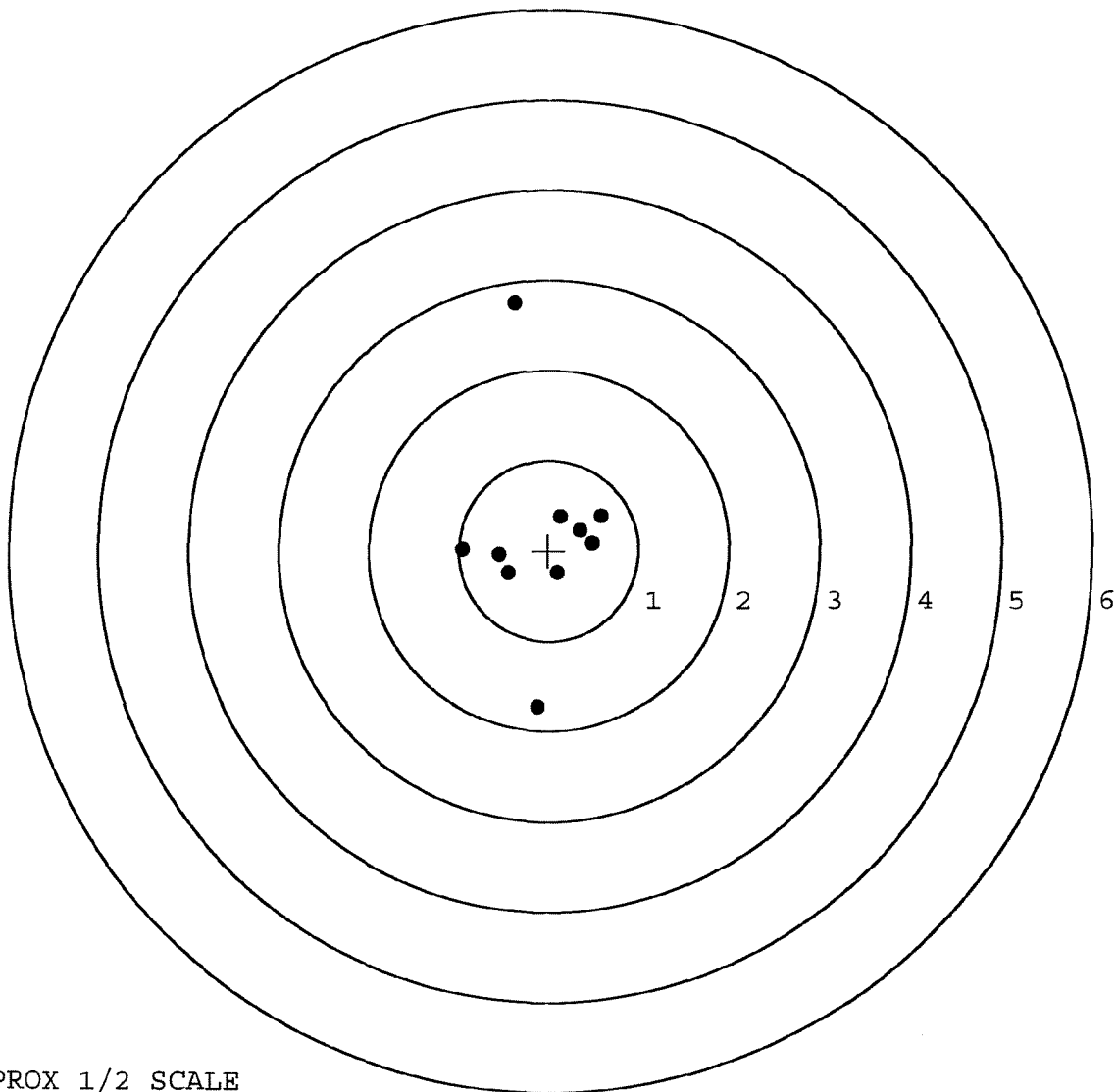
MAX RADIUS: 2.609

MEAN RADIUS: 0.892

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 8

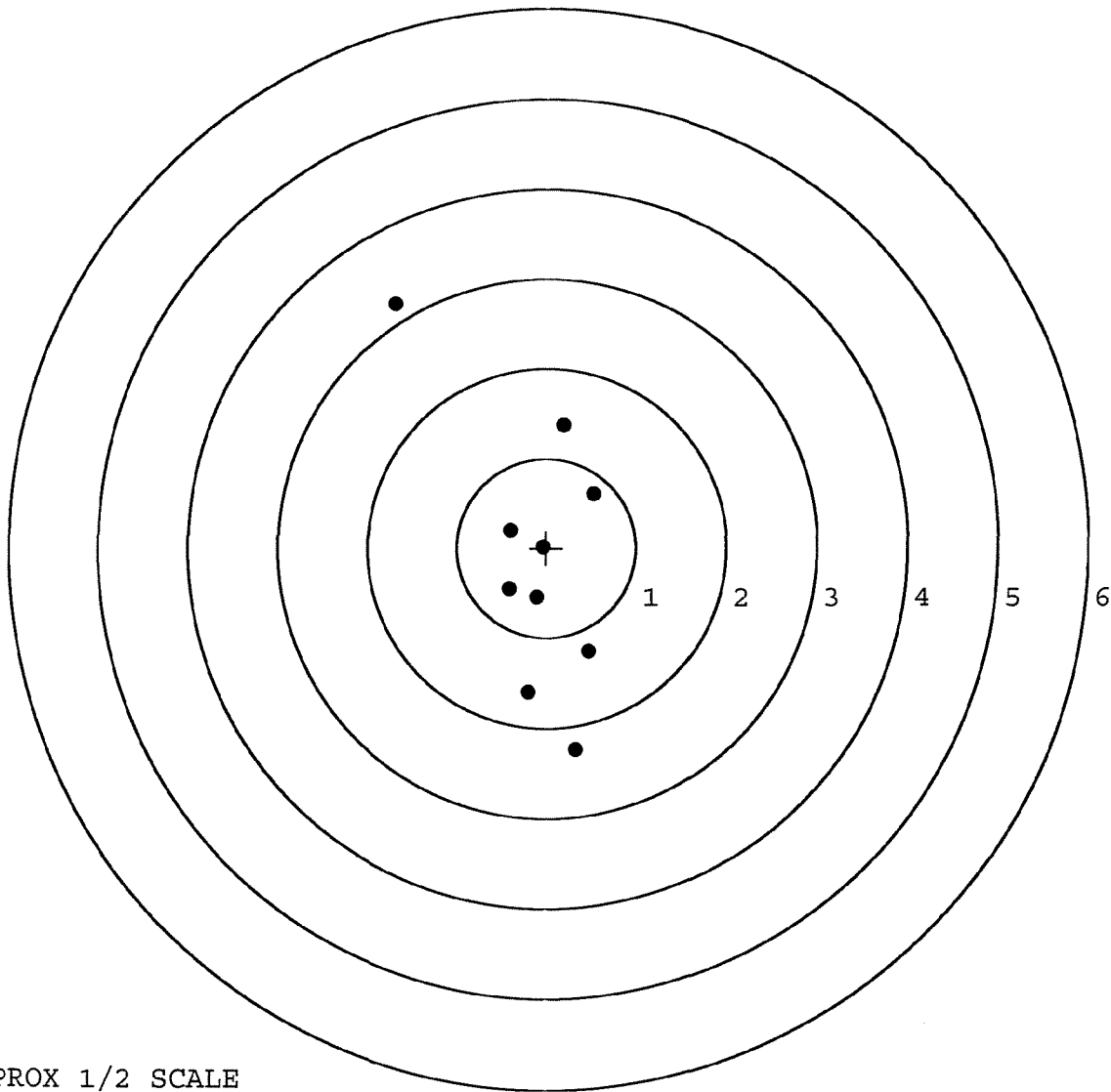


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348861. __0
 TARGET NUMBER: 3
 FILE DATE: 08/02/2002
 FILE TIME: 11:06

POINT#	X	Y
1:	0.331	-2.245
2:	-0.204	-1.612
3:	0.474	-1.159
4:	-0.113	-0.560
5:	-0.416	-0.464
6:	-0.036	0.011
7:	-0.413	0.198
8:	0.526	0.600
9:	0.189	1.368
10:	-1.687	2.716

X CENTROID: -0.135
 Y CENTROID: -0.115
 POA TO CENTROID: 0.177
 HORZ SPREAD: 2.213
 VERT SPREAD: 4.961
 GROUP SPREAD: 5.356
 MIN RADIUS: 0.160
 MAX RADIUS: 3.228
 MEAN RADIUS: 1.208
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 7

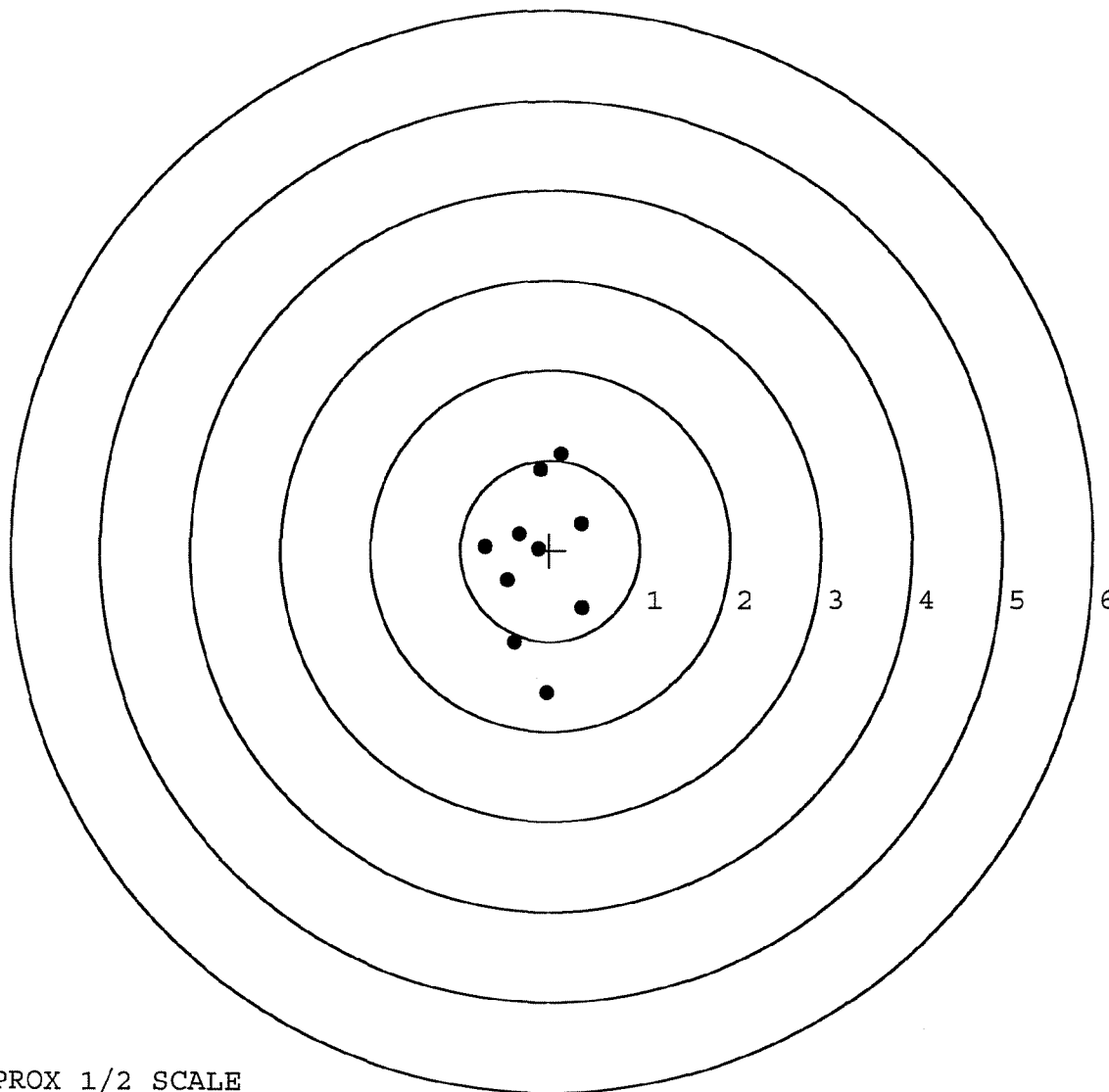


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348861. __0
TARGET NUMBER: 4
FILE DATE: 08/02/2002
FILE TIME: 11:06

POINT#	X	Y
1:	-0.036	-1.580
2:	-0.395	-1.017
3:	0.362	-0.640
4:	0.348	0.295
5:	0.125	1.069
6:	-0.109	0.896
7:	-0.352	0.178
8:	-0.722	0.037
9:	-0.479	-0.334
10:	-0.130	0.018

X CENTROID: -0.139
Y CENTROID: -0.108
POA TO CENTROID: 0.176
HORZ SPREAD: 1.084
VERT SPREAD: 2.649
GROUP SPREAD: 2.654
MIN RADIUS: 0.126
MAX RADIUS: 1.476
MEAN RADIUS: 0.749
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

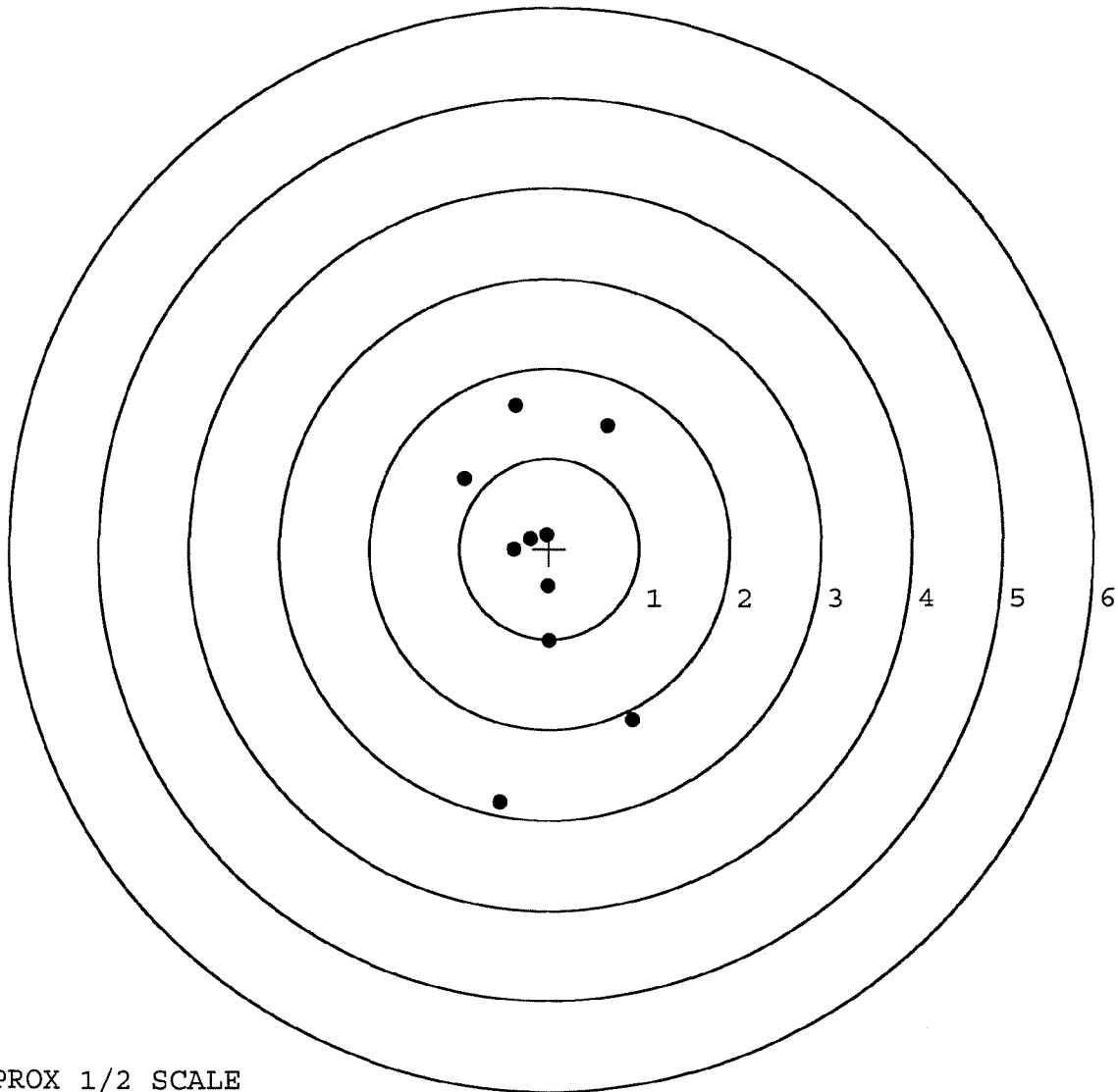


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348861. __0
 TARGET NUMBER: 5
 FILE DATE: 08/02/2002
 FILE TIME: 11:06

POINT#	X	Y
1:	0.642	1.358
2:	-0.386	1.584
3:	-0.948	0.776
4:	-0.027	0.159
5:	-0.212	0.110
6:	-0.399	-0.008
7:	-0.015	-0.417
8:	0.003	-1.022
9:	-0.552	-2.809
10:	0.929	-1.906

X CENTROID: -0.097
 Y CENTROID: -0.218
 POA TO CENTROID: 0.238
 HORZ SPREAD: 1.877
 VERT SPREAD: 4.393
 GROUP SPREAD: 4.396
 MIN RADIUS: 0.216
 MAX RADIUS: 2.631
 MEAN RADIUS: 1.160
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 6



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	112227		
SERIAL NUMBER	C6348861		
LOG-IN DATE	5-11-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-21-06	RTC
505	RE-BARREL	6-22-06	RTC
420	ASSEMBLE	6-22-06	RTC
440	PROOF	6-23-06	TRW
460	CHECK HEADSPACE	6-23-06	TRW
470	DIS-ASSEMBLE GUN	6-23-06	RTC
480	MAGNAFLUX	6-23-06	unc
510	DRILL AND TAP	6-23-06	TRW
500	ROLLMARK CALIBER	6-23-06	CW
520	GOFF BLAST BBL / REC	6-23-06	LB
530 & 540	APPLY COATINGS	6-24-06	TR
560	FINAL ASSEMBLY	6-27-06	RTC
640	FUNCTION TEST AND	PASS FAIL 6-27-06	MTH
650	TARGET	PASS FAIL 6-27-06	MTH
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	6-28-06	AC
	A) HEADSPACE	PASS FAIL 6-28-06	AC
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	N/A AC
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	7/bs 7/bs 7/bs AC
	G) SAFETY OFF FORCE	2 LBS MIN	4/bs 4/bs 4/bs AC
	I) FIRING PIN INDENT	.020	.022 .022 .022 AC
690	PACK		7-11-06 DA

F006 REV 5/2006

BARBER - M24 0040026 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	TRIGGER ASSEMBLY
_____ SCREWS	_____ SAFETY OPERATION
_____ FINISH	_____ RE-SET TO FACTORY
_____ CLARITY	_____ SPECS
COMMENTS: _____	

F006 REV 5/2006

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSB Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00049376** Serial: **C6348861** Model: **700** Center Fire Caliber: **7.62 NATO** M24 SWS Produced: **12/13/1989** Repairman: Status: **Closed 7/16/02 2:55:53 PM**

Verify Repair

Address Information

Customer: **Received From** Return To: **Received From**

Name: **COMMANDER INFANTRY** **COMMANDER INFANTRY**

Address 1: **2ND BATTALION AIR 503D** **2ND BATTALION AIR 503D**

Address 2: **UNIT 31401 BOX 104** **UNIT 31401 BOX 104** PO Box:

City: **APD** **APD**

State: **NJ** Zip Code: **09630** Country: **US** State: **NJ** Zip Code: **09630** Country: **US**

FFI:

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Fair:

Correction Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A009	Soft Case	1
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A042	Adjustable Butt Pad	1
X001	Extra firing pins	2

Repair Search **Refresh** **Close**

7/17/02 9:49 AM CAPS NUM INS SCFL

Start n. Ca. SA Pa. MR. U. W. P. S

9:49 AM

Serial Number: **C6348861**

Model: **700**



RE00049376

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348861.___0
FILE DATE AND TIME: 08/02/2002 11:06

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

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The Average Y Centroid of the Five Target Set:	-0.002
The Average Point of Impact of the Five Target Set:	0.066
The Average Mean Radius of the Five Target Set:	0.938
The Distance from POA to Centroid Target #1:	0.302
The Distance from Centroid Target #2 to Centroid Target #1:	0.236
The Distance from Centroid Target #3 to Centroid Target #1:	0.467
The Distance from Centroid Target #4 to Centroid Target #1:	0.463
The Distance from Centroid Target #5 to Centroid Target #1:	0.539

BARBER - M24 0040029

SERIAL NUMBER: C6348861. __0

TARGET NUMBER: 1

FILE DATE: 08/02/2002

FILE TIME: 11:06

POINT#	X	Y
1:	0.276	-1.217
2:	-0.060	-0.749
3:	0.756	0.301
4:	0.415	1.016
5:	0.037	0.721
6:	-0.060	0.324
7:	-0.973	0.733
8:	0.428	0.459
9:	0.108	0.529
10:	0.269	0.651

X CENTROID: 0.120

Y CENTROID: 0.277

POA TO CENTROID: 0.302

HORZ SPREAD: 1.729

VERT SPREAD: 2.233

GROUP SPREAD: 2.316

MIN RADIUS: 0.186

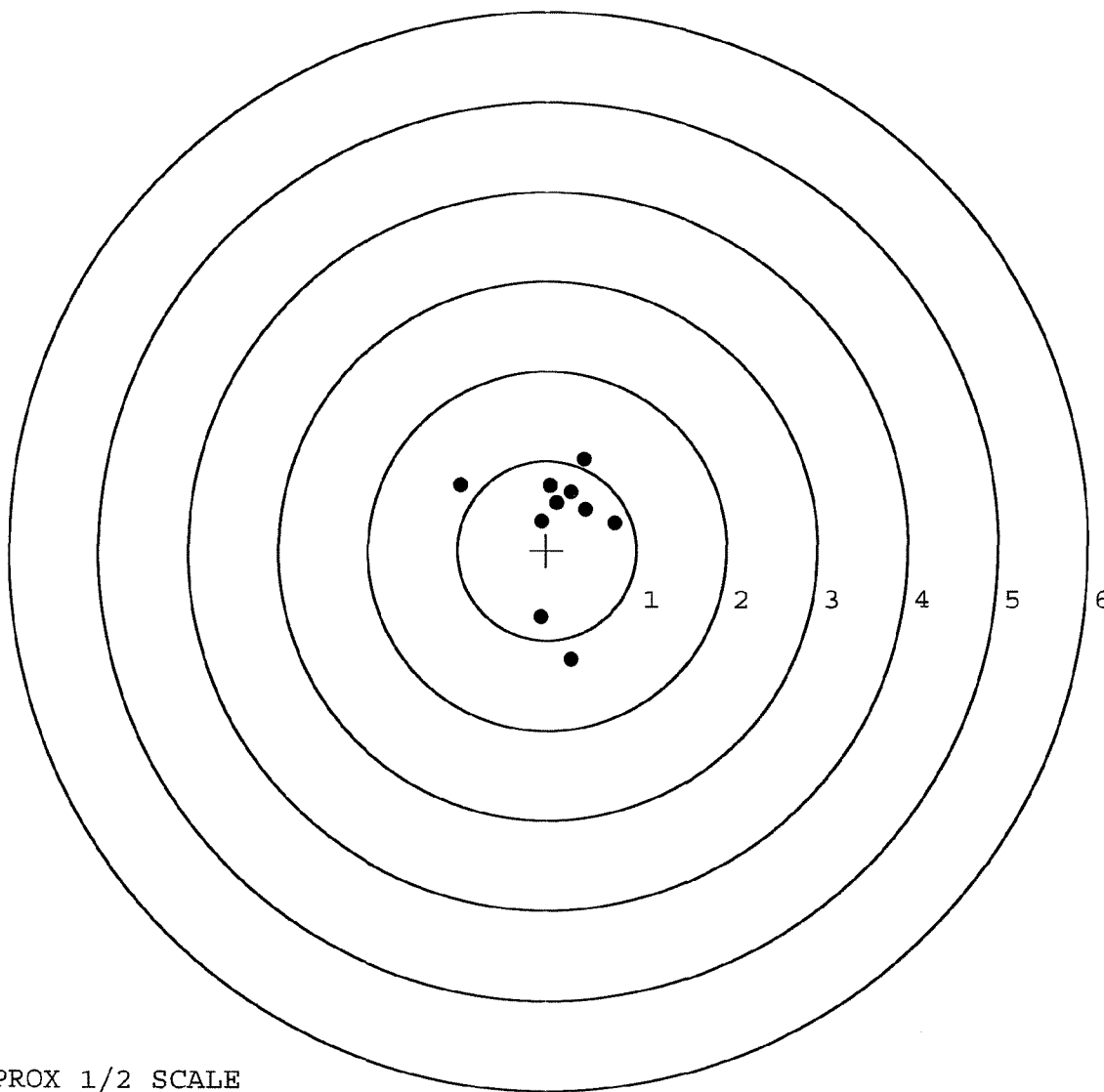
MAX RADIUS: 1.502

MEAN RADIUS: 0.681

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

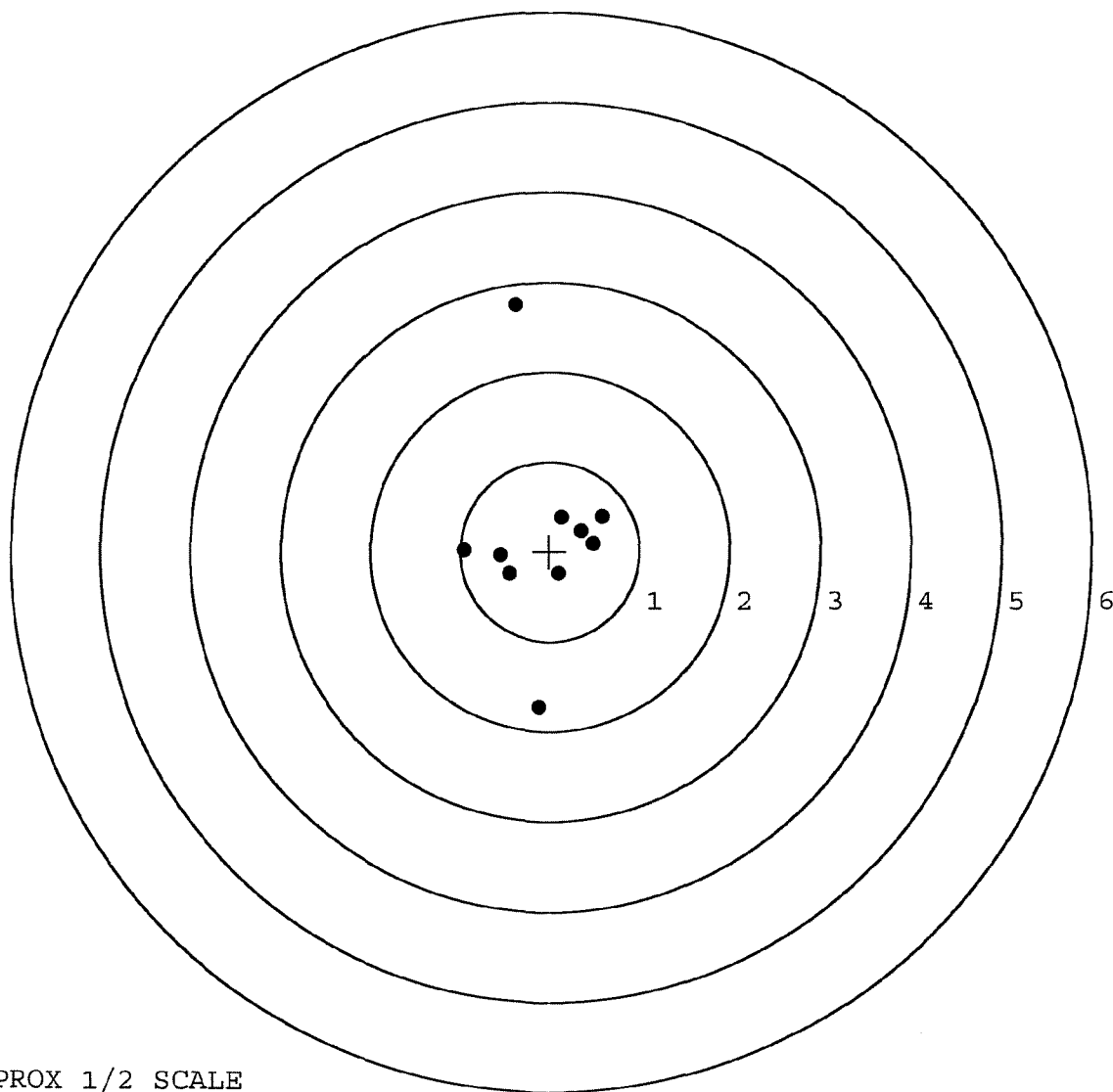
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0040030

SERIAL NUMBER: C6348861.____0	POINT#	X	Y
TARGET NUMBER: 2	1:	-0.116	-1.740
FILE DATE: 08/02/2002	2:	-0.453	-0.258
FILE TIME: 11:06	3:	-0.548	-0.048
	4:	-0.959	0.009
X CENTROID: -0.081	5:	-0.390	2.742
Y CENTROID: 0.152	6:	0.586	0.380
POA TO CENTROID: 0.172	7:	0.353	0.226
HORZ SPREAD: 1.545	8:	0.131	0.375
VERT SPREAD: 4.482	9:	0.103	-0.252
GROUP SPREAD: 4.490	10:	0.486	0.085
MIN RADIUS: 0.308			
MAX RADIUS: 2.609			
MEAN RADIUS: 0.892			
# IN 1 IN DIAMETER: 3			
# IN 2 IN DIAMETER: 8			
# in 3 IN DIAMETER: 8			



TARGET APPROX 1/2 SCALE

BARBER - M24 0040031

SERIAL NUMBER: C6348861. __0

TARGET NUMBER: 3

FILE DATE: 08/02/2002

FILE TIME: 11:06

POINT#	X	Y
1:	0.331	-2.245
2:	-0.204	-1.612
3:	0.474	-1.159
4:	-0.113	-0.560
5:	-0.416	-0.464
6:	-0.036	0.011
7:	-0.413	0.198
8:	0.526	0.600
9:	0.189	1.368
10:	-1.687	2.716

X CENTROID: -0.135

Y CENTROID: -0.115

POA TO CENTROID: 0.177

HORZ SPREAD: 2.213

VERT SPREAD: 4.961

GROUP SPREAD: 5.356

MIN RADIUS: 0.160

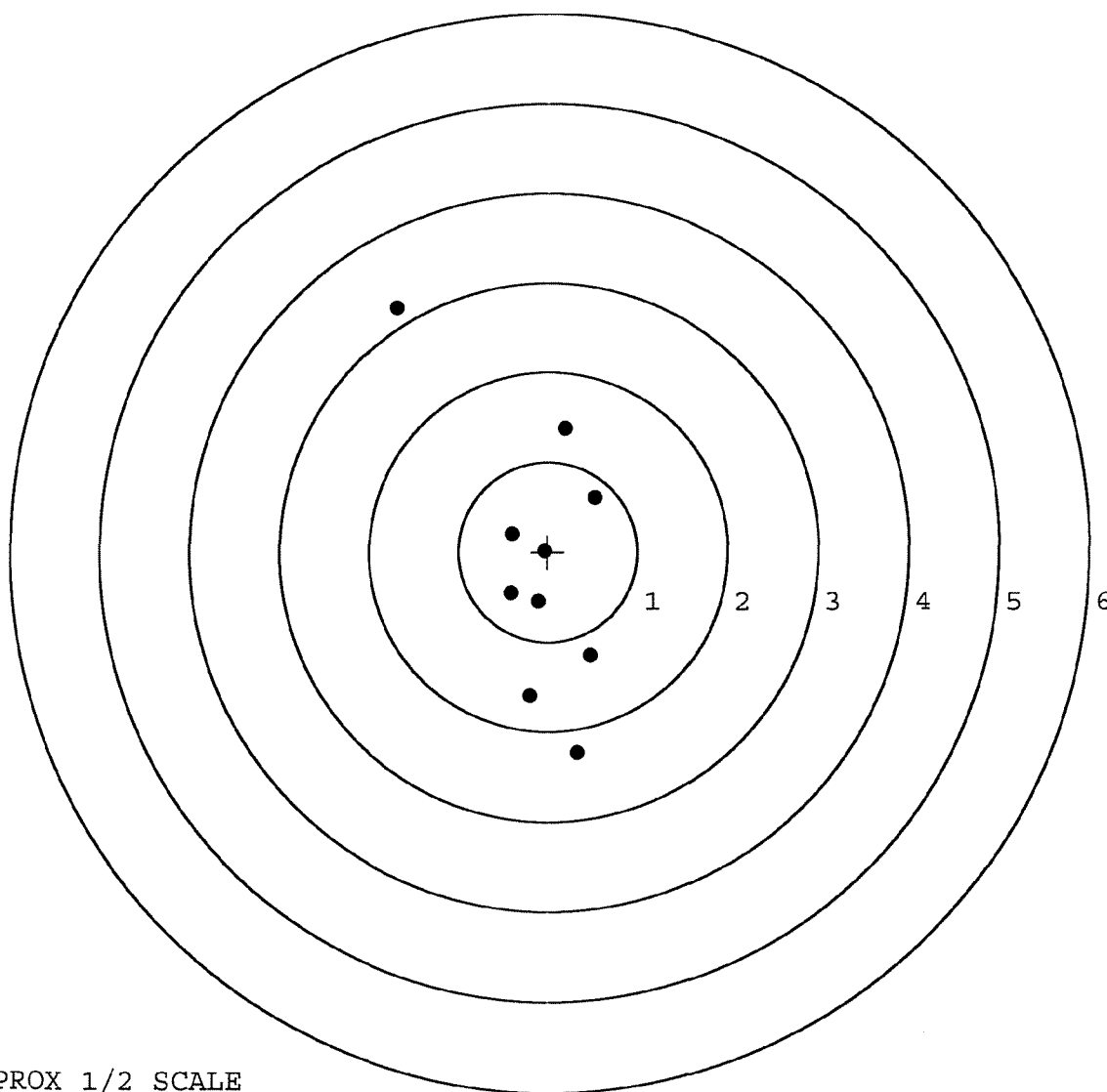
MAX RADIUS: 3.228

MEAN RADIUS: 1.208

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

BARBER - M24 0040032

SERIAL NUMBER: C6348861. __0

TARGET NUMBER: 4

FILE DATE: 08/02/2002

FILE TIME: 11:06

POINT#	X	Y
1:	-0.036	-1.580
2:	-0.395	-1.017
3:	0.362	-0.640
4:	0.348	0.295
5:	0.125	1.069
6:	-0.109	0.896
7:	-0.352	0.178
8:	-0.722	0.037
9:	-0.479	-0.334
10:	-0.130	0.018

X CENTROID: -0.139

Y CENTROID: -0.108

POA TO CENTROID: 0.176

HORZ SPREAD: 1.084

VERT SPREAD: 2.649

GROUP SPREAD: 2.654

MIN RADIUS: 0.126

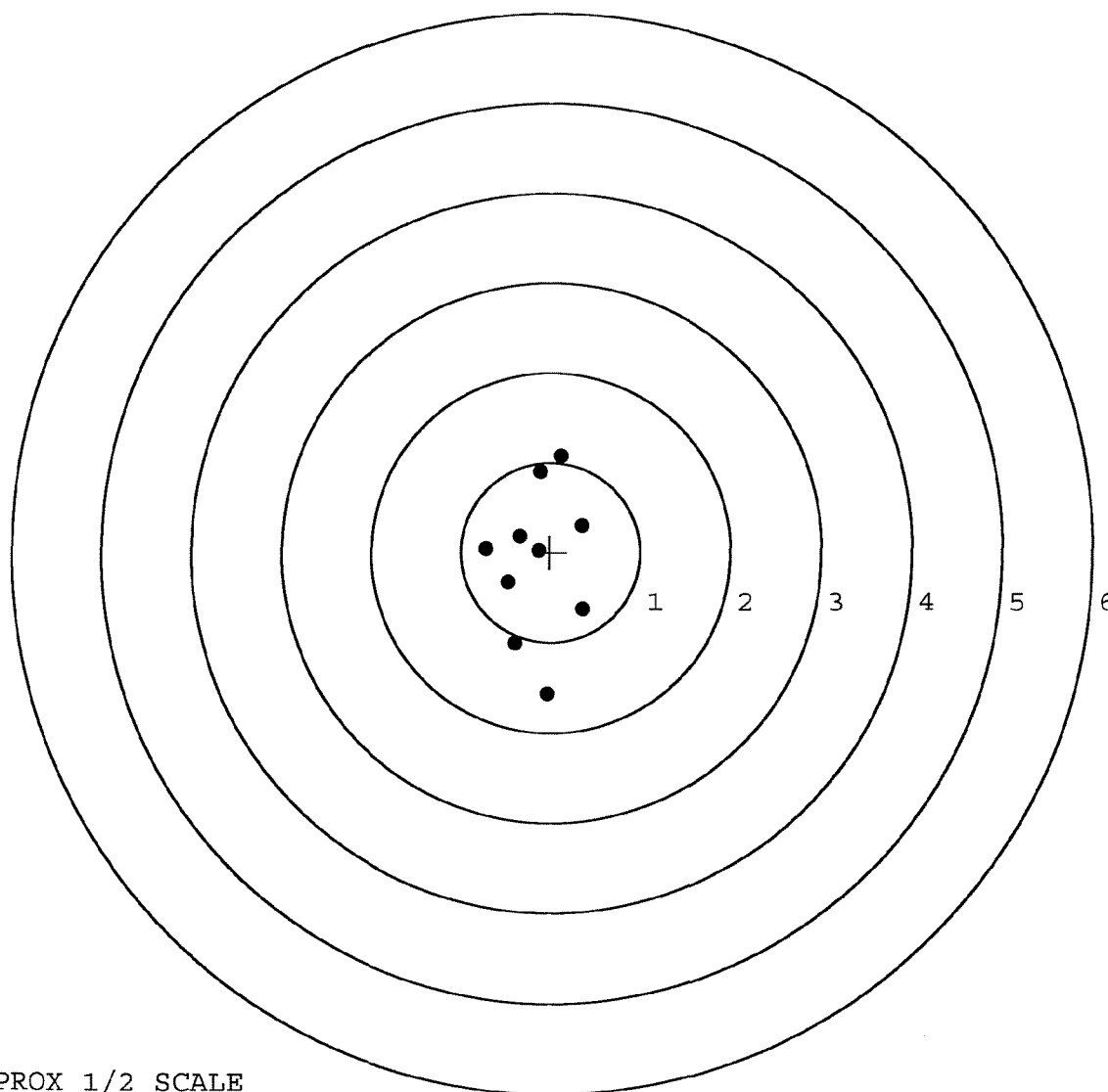
MAX RADIUS: 1.476

MEAN RADIUS: 0.749

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



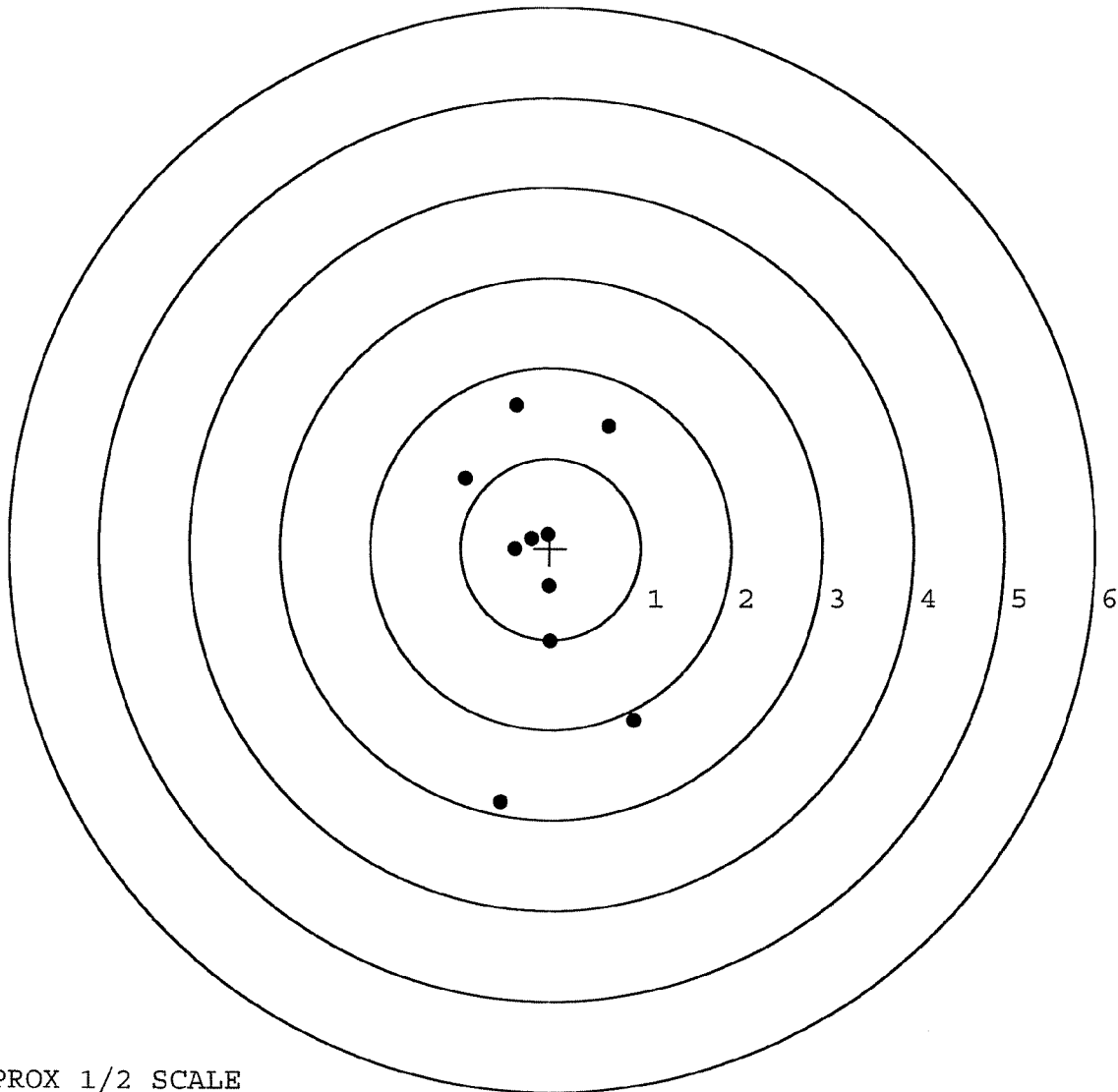
TARGET APPROX 1/2 SCALE

BARBER - M24 0040033

SERIAL NUMBER: C6348861. __0
 TARGET NUMBER: 5
 FILE DATE: 08/02/2002
 FILE TIME: 11:06

POINT#	X	Y
1:	0.642	1.358
2:	-0.386	1.584
3:	-0.948	0.776
4:	-0.027	0.159
5:	-0.212	0.110
6:	-0.399	-0.008
7:	-0.015	-0.417
8:	0.003	-1.022
9:	-0.552	-2.809
10:	0.929	-1.906

X CENTROID: -0.097
 Y CENTROID: -0.218
 POA TO CENTROID: 0.238
 HORZ SPREAD: 1.877
 VERT SPREAD: 4.393
 GROUP SPREAD: 4.396
 MIN RADIUS: 0.216
 MAX RADIUS: 2.631
 MEAN RADIUS: 1.160
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 6



TARGET APPROX 1/2 SCALE

Final Inspection

In: C634886

DATE REC'D: 7/16/02

DATE RET'D: 8/7/02

EDITOR:

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:

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

R & E NUMBER	49316		
SERIAL NUMBER	C10348861		
LOG-IN DATE	7/16/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	7/18/02	RL
560 A	RE-BARREL	7/18/02	RA
B	DRILL AND TAP	7-19-02	AC
575	ASSEMBLE	7/19/02	RL
600	PROOF	7-20-02	AC
605	CHECK HEADSPACE	7/22/02	RL
610	DIS-ASSEMBLE GUN	7/22/02	RL
612	MAGNAFLUX	MAGNA - FLUX	
615	ROLLMARK CALIBER	INSPECTED 7/23/02	TRW
618	ROTO-BLAST	JUL 23 2002 7/25/02	
620	APPLY COATINGS	OPERATOR 7-26	TA
625 A	FINAL ASSEMBLY	7-30-02	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	8-1-02	TRW
655	FINAL INSPECT	8-6-02	RW
660	PACK	8-7-02	RA
		SHIP DATE	
QAR INSPECTION DATE			

Remington®  REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ H24

SERIAL NO.
C6348861

ORDER NO.
5716

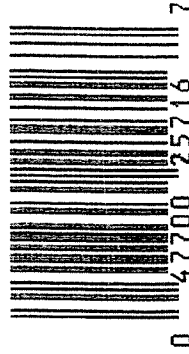
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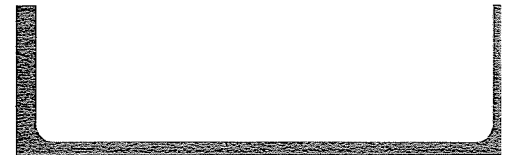


5716 C6348861

UPC



0 47700 25716 7



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348861

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 24	89	RW
600	Proof	8 24	89	RW
607	Check Headspace			RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action		8/15/89	KCR
	Magnaflux Bolt		8/15/89	KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes	8 28	89	
618	Polish Barrel <i>RS</i>	28	89	BT
620	Apply Coatings (Barrel Action)		9-7-89	TSA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/7/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/7/89	RW
	C) Inspect Ejector Hole for Chamfer		9/7/89	RW
	D) Oil Firing Pin Ass'y		9/7/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9-8-89	SL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/4	5 1/4	5 1/4			9/8/89	WB
	G) Safety Off Force	3 1/4	3 1/4	3 1/4			9/8/89	WB
	H) Trigger Pull Test & Retainability						9-8-89	SP
	I) Firing Pin Indent	.0215	.021	.0225			9/8/89	WB
	J) Assemble Stock						9/8/89	RW
	K) Assemble Swivel Studs						6-5-89	JS
	L) Attach Front and Rear Sight Assemblies						9/8/89	RW
	M) Iron Sight Alignment						9/8/89	RW
	N) Detach Front & Rear Sights & place in numbered container						9/8/89	RW
	O) Attach Scope to Rifle						10/4/89	SP
	P) Detach & Attach Scope 20 Times						10/4/89	SP
640	Gallery Target & Test						10-5-89	AC
	A) Time						10-5-89	AC
	B) Malfunctions						10-5-89	AC
	C) Pierced Primers						10-5-89	AC
	D) Optical Clarity of Scope						10-5-89	AC
645	Inspect for Live Ammo						10-5-89	AC
655	Final Inspection						6-5-89	JS
	A) Headspace						6-5-89	JS
	B) Trigger Pull	274	273	283	268	276	6-5-89	JS
	C) Function						6-5-89	JS
660	Pack						14 Dec 89	JS

BARBER - M24 0040039

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 0634 8861DATE 14 MAR 90TESTER JD

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.18	2.39		2.58	MIN. SETTING,
PULL #2	2.03	2.42		2.61	NO AVG. OF 5
PULL #3	2.32	2.51		2.68	READINGS ACCEPT-
PULL #4	2.40	2.51		2.45	ABLE LESS THAN 2#
PULL #5	2.43	2.49		2.78	
TOTAL	11.41	12.52			
AVG.	2.282	2.504			

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.51	3.56		
PULL #2	3.52	3.65		
PULL #3	3.54	3.61		
PULL #4	3.55	3.66		
PULL #5	3.57	3.64		
TOTAL	17.69	18.12		
AVG.	3.538	3.624		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	3.90	3.92		
PULL #2	3.90	3.93		
PULL #3	3.80	3.93		
PULL #4	3.64	3.92		
PULL #5	3.89	3.90		
TOTAL	19.13	19.60		
AVG.	3.826	3.92		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348861
5 Oct 1989

CENTROIDAL DISTANCES

0 TO 1	.749024
1 TO 2	.609082
1 TO 3	.709662
1 TO 4	.7179
1 TO 5	.585137

2 (----POA
1

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .245
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2418
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .344227

THE AMR FOR THIS RIFLE IS: .9662

5 Oct 1989

FILE:/PATTERN/ING/CENTERFIRE_PATT/00040001

CENTERFIRE PATTERNS

1

FOR

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 2.526

VS= 3.184

OS= 3.229

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.290	1.290	1.335
MINIMUM X	:	-1.326	-1.236	-1.191
MAXIMUM Y	:	1.639	.890	.720
MINIMUM Y	:	-1.545	-1.363	-1.157
CENTROID X	:	.429	.339	.294
CENTROID Y	:	-.614	-.796	-.626
FOR TO CENTROID in.	:	.749	.866	.691
MIN RADIUS	:	.126	.328	.214
MEAN RADIUS	:	1.081	1.012	.935
MAX RADIUS	:	1.828	1.444	1.567
HORIZONTAL SPREAD	:	2.526	2.526	2.526
VERTICAL SPREAD	:	3.184	2.253	1.877
EXTREME SPREAD	:	3.229	2.719	2.719
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

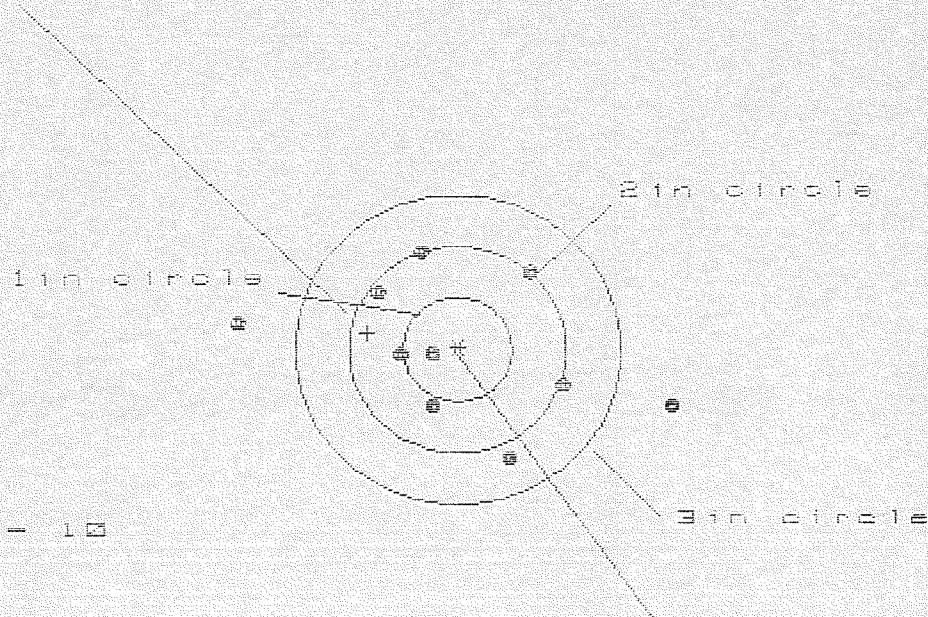
5 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348851

CENTERFIRE PATTERNS

2

POA



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 4.037

VS= 1.939

GS= 4.103

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.962	1.732	.964
MINIMUM X	:	-2.075	-.948	-.732
MAXIMUM Y	:	.937	.961	.900
MINIMUM Y	:	-1.002	-.978	-1.039
CENTROID X	:	.829	1.059	.843
CENTROID Y	:	-.156	-.180	-.119
POA TO CENTROID in.	:	.843	1.075	.851
MIN RADIUS	:	.247	.473	.270
MEAN RADIUS	:	1.048	.956	.799
MAX RADIUS	:	2.086	1.799	1.125
HORIZONTAL SPREAD	:	4.037	2.680	1.696
VERTICAL SPREAD	:	1.939	1.939	1.939
EXTREME SPREAD	:	4.103	2.884	2.100
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

5 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348861

CENTERFIRE PATTERNS # 3

POR

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 2.282

VS= 2.279

GS= 2.615

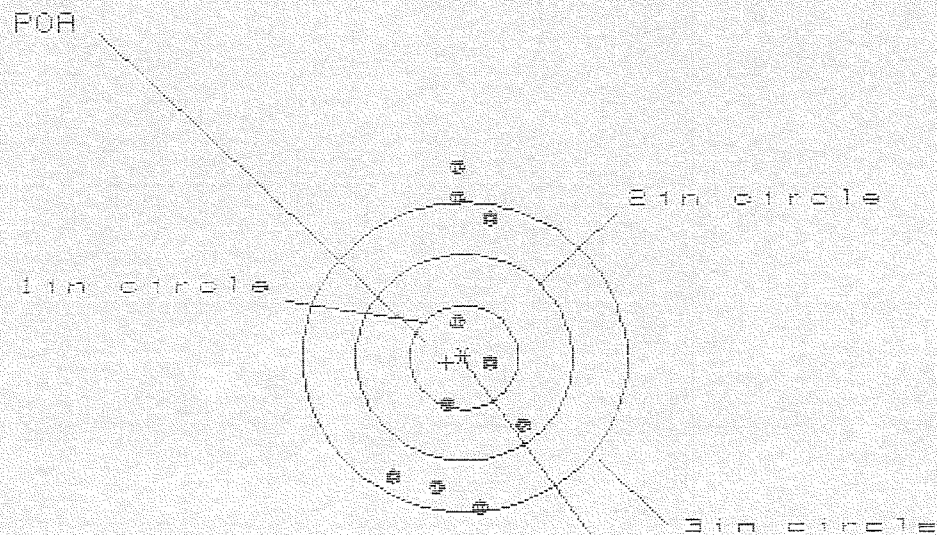
CENTROID *

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.873
MINIMUM X	-1.409
MAXIMUM Y	1.108
MINIMUM Y	-1.171
CENTROID X	-.195
CENTROID Y	-.276
POR TO CENTROID in.	.338
MIN RADIUS	.100
MEAN RADIUS	.862
MAX RADIUS	1.592
HORIZONTAL SPREAD	2.282
VERTICAL SPREAD	2.279
EXTREME SPREAD	2.615
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	8

5 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8345861

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 1.307

VS= 3.342

CS= 3.350

CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.550	.543	.540
MINIMUM X	-.657	-.664	-.667
MAXIMUM Y	1.861	1.735	1.729
MINIMUM Y	-1.481	-1.275	-1.058
CENTROID X	.161	.168	.171
CENTROID Y	.052	-.154	-.371
POA TO CENTROID in.	.169	.228	.409
MIN RADIUS	.196	.268	.148
MEAN RADIUS	1.070	.957	.827
MAX RADIUS	1.862	1.736	1.747
HORIZONTAL SPREAD	1.207	1.207	1.207
VERTICAL SPREAD	3.342	3.010	2.787
EXTREME SPREAD	3.350	3.016	2.788
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

