

C6225593

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Repair Inquiry

Repair Number: RE00120762

Serial: C6225593 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: New 11/27/2006 12:42:20 PM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: SFC KIRCHNER

SFC KIRCHNER

Address 1: HSC 1/7 SFG (A)

HSC 1/7 SFG (A)

Address 2: BLDG E-3622 JUST CAUSE DR PO Box:

BLDG E-3622 JUST CAUSE DR PO Box:

City: FORT BRAGG

FORT 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: NA

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
D000	MARS RAIL	1

Repair Search

Refresh

Close

naglelj

11/27/2006

1:30 PM

CAPS

NUM

INS

SCRL

Serial:
Number:

C6225593

Model: M24 SWS



RE00120762

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225593.___0

FILE DATE AND TIME: 12/13/2006 05:45

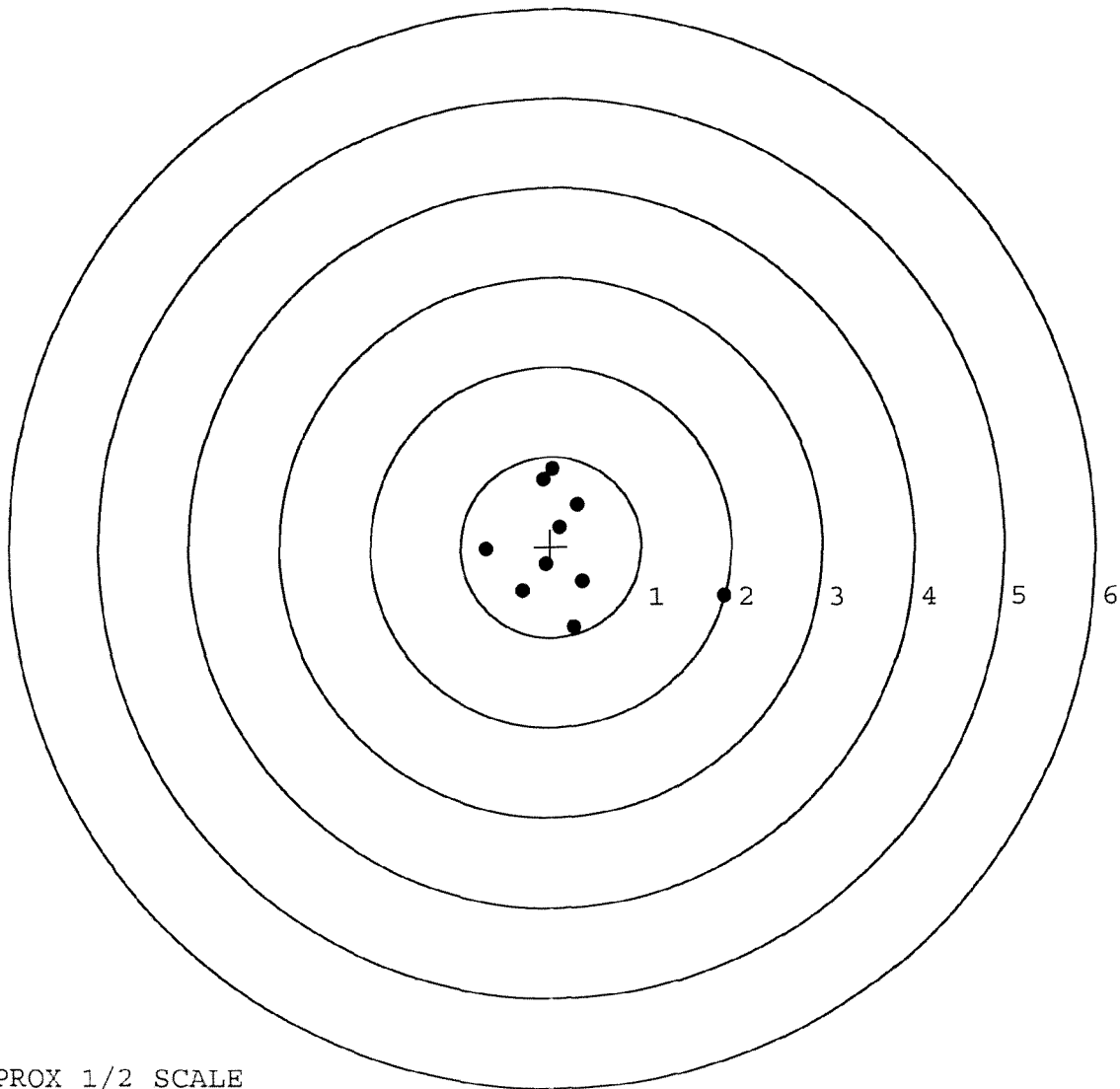
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.018
The Average Y Centroid of the Five Target Set:	-0.063
The Average Point of Impact of the Five Target Set:	0.065
The Average Mean Radius of the Five Target Set:	0.654
The Distance from POA to Centroid Target #1:	0.180
The Distance from Centroid Target #2 to Centroid Target #1:	0.260
The Distance from Centroid Target #3 to Centroid Target #1:	0.242
The Distance from Centroid Target #4 to Centroid Target #1:	0.274
The Distance from Centroid Target #5 to Centroid Target #1:	0.146

SERIAL NUMBER: C6225593. __0
 TARGET NUMBER: 1
 FILE DATE: 12/13/2006
 FILE TIME: 05:45

POINT#	X	Y
1:	-0.717	-0.032
2:	-0.316	-0.491
3:	0.260	-0.899
4:	0.351	-0.389
5:	-0.055	-0.197
6:	0.097	0.211
7:	0.300	0.463
8:	0.022	0.862
9:	-0.082	0.746
10:	1.915	-0.550

X CENTROID: 0.177
 Y CENTROID: -0.028
 POA TO CENTROID: 0.180
 HORZ SPREAD: 2.632
 VERT SPREAD: 1.761
 GROUP SPREAD: 2.682
 MIN RADIUS: 0.252
 MAX RADIUS: 1.814
 MEAN RADIUS: 0.743
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 9

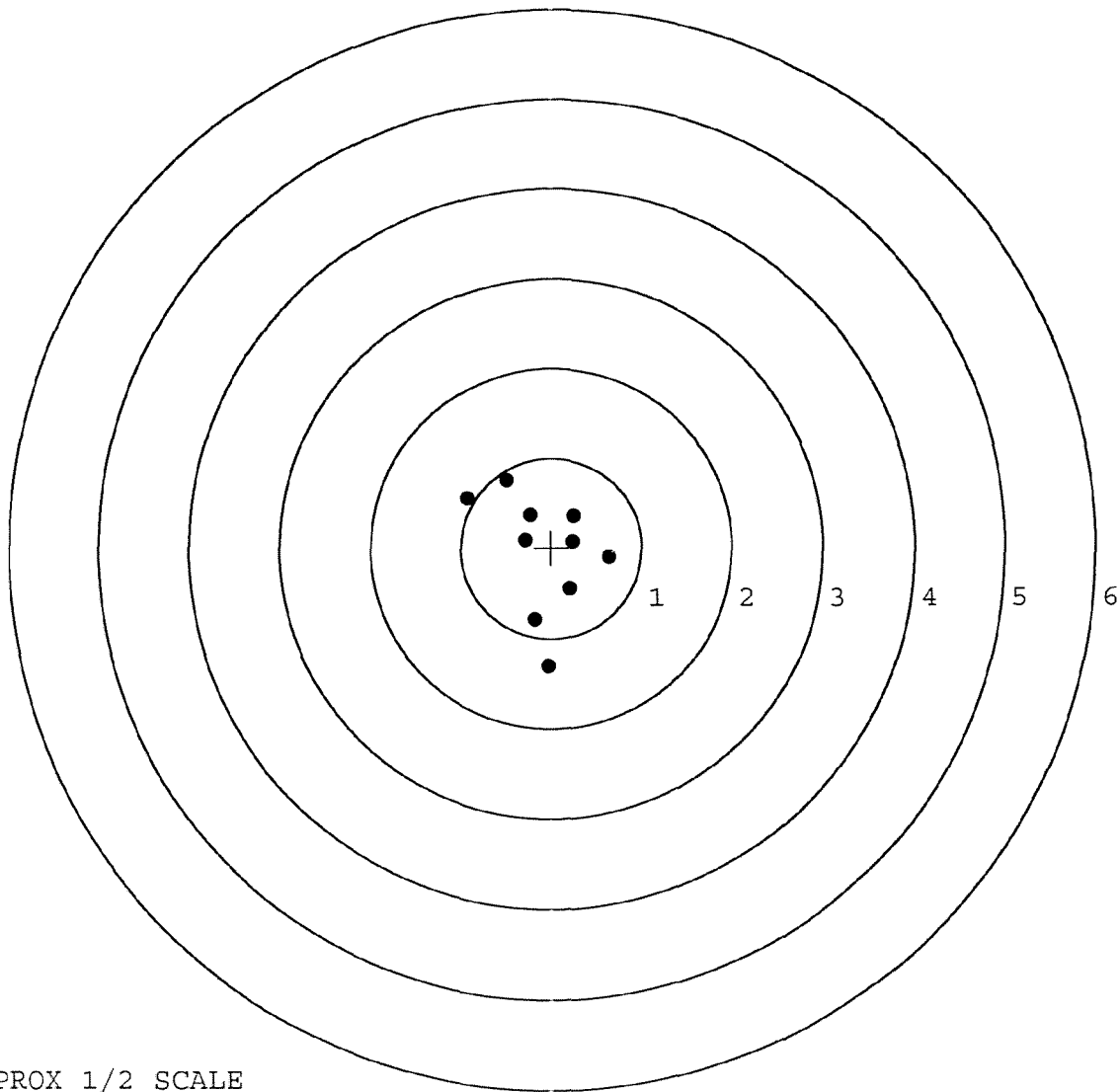


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225593. __0
 TARGET NUMBER: 2
 FILE DATE: 12/13/2006
 FILE TIME: 05:45

POINT#	X	Y
1:	-0.028	-1.317
2:	-0.185	-0.800
3:	0.207	-0.452
4:	0.642	-0.109
5:	0.240	0.066
6:	0.248	0.359
7:	-0.292	0.085
8:	-0.230	0.363
9:	-0.493	0.757
10:	-0.927	0.559

X CENTROID: -0.082
 Y CENTROID: -0.049
 POA TO CENTROID: 0.095
 HORZ SPREAD: 1.569
 VERT SPREAD: 2.074
 GROUP SPREAD: 2.125
 MIN RADIUS: 0.249
 MAX RADIUS: 1.269
 MEAN RADIUS: 0.675
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

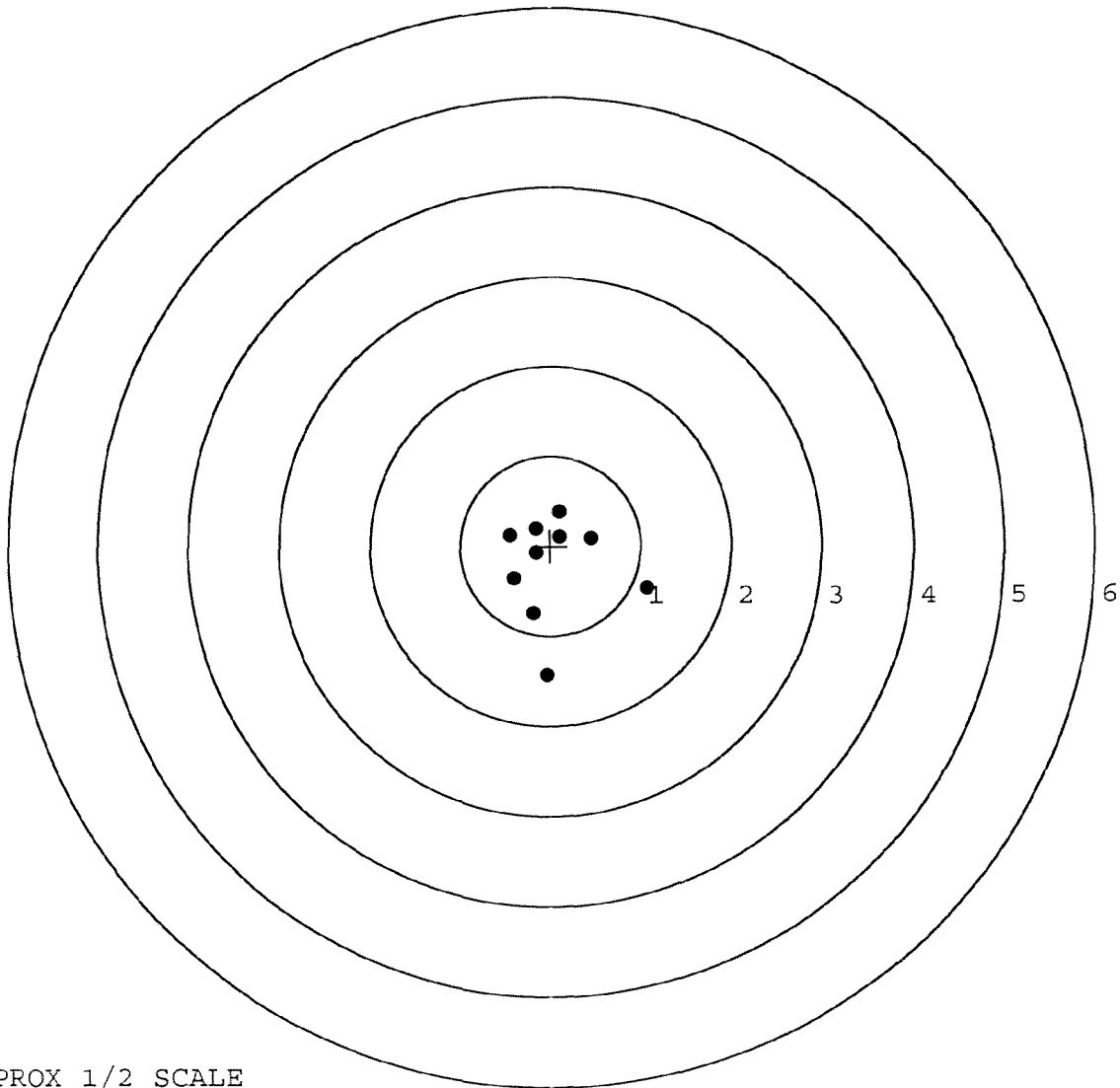


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225593. 0
 TARGET NUMBER: 3
 FILE DATE: 12/13/2006
 FILE TIME: 05:45

POINT#	X	Y
1:	-0.038	-1.446
2:	-0.189	-0.756
3:	1.068	-0.474
4:	0.450	0.093
5:	0.106	0.384
6:	-0.453	0.125
7:	-0.160	0.200
8:	-0.406	-0.362
9:	-0.164	-0.079
10:	0.106	0.104

X CENTROID: 0.032
 Y CENTROID: -0.221
 POA TO CENTROID: 0.223
 HORZ SPREAD: 1.521
 VERT SPREAD: 1.830
 GROUP SPREAD: 1.836
 MIN RADIUS: 0.242
 MAX RADIUS: 1.227
 MEAN RADIUS: 0.610
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

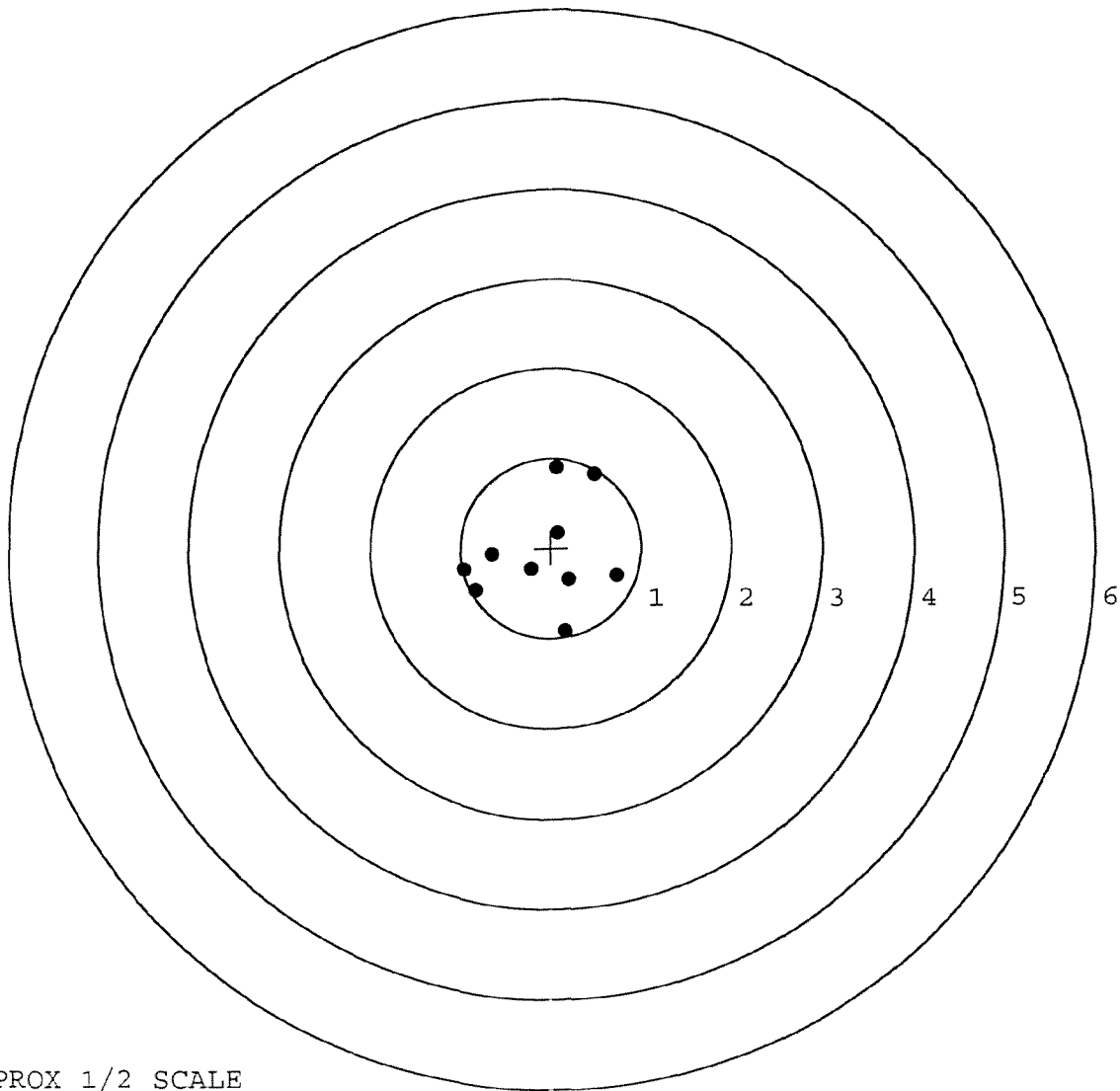


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225593. 0
 TARGET NUMBER: 4
 FILE DATE: 12/13/2006
 FILE TIME: 05:45

POINT#	X	Y
1:	0.072	0.898
2:	0.485	0.825
3:	0.077	0.168
4:	0.731	-0.309
5:	0.162	-0.933
6:	0.204	-0.354
7:	-0.218	-0.234
8:	-0.650	-0.068
9:	-0.955	-0.241
10:	-0.833	-0.470

X CENTROID: -0.093
 Y CENTROID: -0.072
 POA TO CENTROID: 0.117
 HORZ SPREAD: 1.686
 VERT SPREAD: 1.831
 GROUP SPREAD: 1.848
 MIN RADIUS: 0.205
 MAX RADIUS: 1.067
 MEAN RADIUS: 0.699
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225593. __0

TARGET NUMBER: 5

FILE DATE: 12/13/2006

FILE TIME: 05:45

POINT#	X	Y
1:	-0.935	-0.273
2:	0.171	-0.757
3:	0.773	0.112
4:	0.323	0.934
5:	0.054	0.638
6:	0.117	0.236
7:	-0.405	0.011
8:	0.357	-0.274
9:	0.095	-0.156
10:	0.019	0.083

X CENTROID: 0.057

Y CENTROID: 0.055

POA TO CENTROID: 0.079

HORZ SPREAD: 1.708

VERT SPREAD: 1.691

GROUP SPREAD: 1.751

MIN RADIUS: 0.047

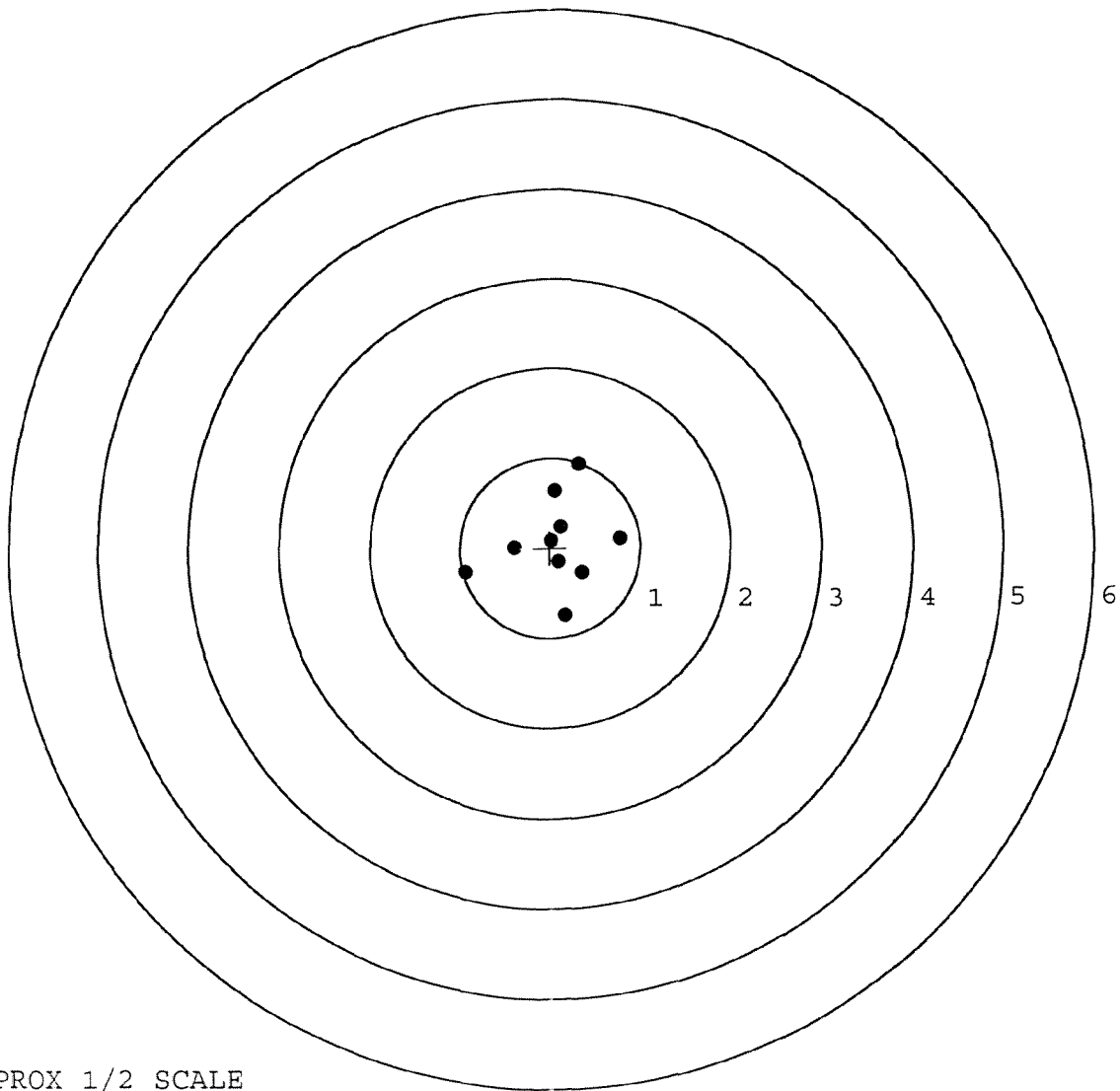
MAX RADIUS: 1.045

MEAN RADIUS: 0.545

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	120762		
SERIAL NUMBER	06225593		
LOG-IN DATE	11-27-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	11-29-06	RTZ
505	RE-BARREL	11-30-06	RTZ
420	ASSEMBLE	12-4-06	RTZ
440	PROOF	MAGNA-FLUX INSPECTED DEC 05 2006 OPERATOR APD	TRW
460	CHECK HEADSPACE	12-4-06	TRW
470	DIS-ASSEMBLE GUN	12-4-06	BLG
480	MAGNAFLUX	12-5-06	APD
510	DRILL AND TAP	12-4-06	SD
500	ROLLMARK CALIBER	12-5-06	C.W
520	GOFF BLAST BBL / REC	12/5/06	(R)
530 & 540	APPLY COATINGS	12/7/06	VB
560	FINAL ASSEMBLY	12-12-06	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	TRW
650	TARGET	(PASS) FAIL	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		
	A) HEADSPACE	(PASS) FAIL	12-16-06 BLG-
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.85 2.78 2.90 2.87 2.87 BLG-
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	6 ^g 6 ^g 6 ^g 12-14-06 RTZ
	G) SAFETY OFF FORCE	2 LBS MIN	3 ^g 3 ^g 3 ^g 12-14-06 RTZ
	I) FIRING PIN INDENT	.020	.021 .022 .021 12-14-06 RTZ
690	PACK		11/18-06 RTZ

F006 REV 5/2006

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

F006 REV 5/2006

Repair Number: RE00079567	Serial: C6225593 Model M24 SWS Center Fire Caliber: 7.62 NATO	Repairman:	Status: Closed 4/2/2004 12:54:40 PM																		
Address Information																					
Customer: ☒ Received From		Return To: ☐ Received From																			
Name: B CO 1/7 SFG A	B CO 1/7 SFG A																				
Address 1:																					
Address 2:	PO Box:																				
City: FORT BRAGG	FORT BRAGG																				
State: NC Zip Code: 28310 Country: US	State: NC Zip Code: 28310 Country: US																				
FPL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐																					
Contact / Condition	Problems	Estimate	History / Status																		
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A007	With Studs	3																			
A010	Hard Case	1																			
A017	Scope Bases	3																			
A055	Deployment Kit	1																			
Repair Search	Refresh	Close																			

naglerj 4/2/2004 2:04 PM CAPS NUM INE SDPL

start 4 3

Serial Number: **C6225593**

Model: **M24 SWS**

RE00079567

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225593.___0
FILE DATE AND TIME: 04/27/2004 07:58

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.004
The Average Y Centroid of the Five Target Set:	-0.016
The Average Point of Impact of the Five Target Set:	0.016
The Average Mean Radius of the Five Target Set:	0.654
The Distance from POA to Centroid Target #1:	0.088
The Distance from Centroid Target #2 to Centroid Target #1:	0.214
The Distance from Centroid Target #3 to Centroid Target #1:	0.082
The Distance from Centroid Target #4 to Centroid Target #1:	0.104
The Distance from Centroid Target #5 to Centroid Target #1:	0.189

SERIAL NUMBER: C6225593. 0

TARGET NUMBER: 1

FILE DATE: 04/27/2004

FILE TIME: 07:58

POINT#	X	Y
1:	0.014	-0.813
2:	0.403	-0.379
3:	-0.381	-0.021
4:	-0.965	-0.891
5:	-1.080	0.202
6:	-0.873	0.269
7:	0.177	0.349
8:	-0.131	0.890
9:	0.644	0.489
10:	1.582	0.533

X CENTROID: -0.061

Y CENTROID: 0.063

POA TO CENTROID: 0.088

HORZ SPREAD: 2.662

VERT SPREAD: 1.781

GROUP SPREAD: 2.918

MIN RADIUS: 0.331

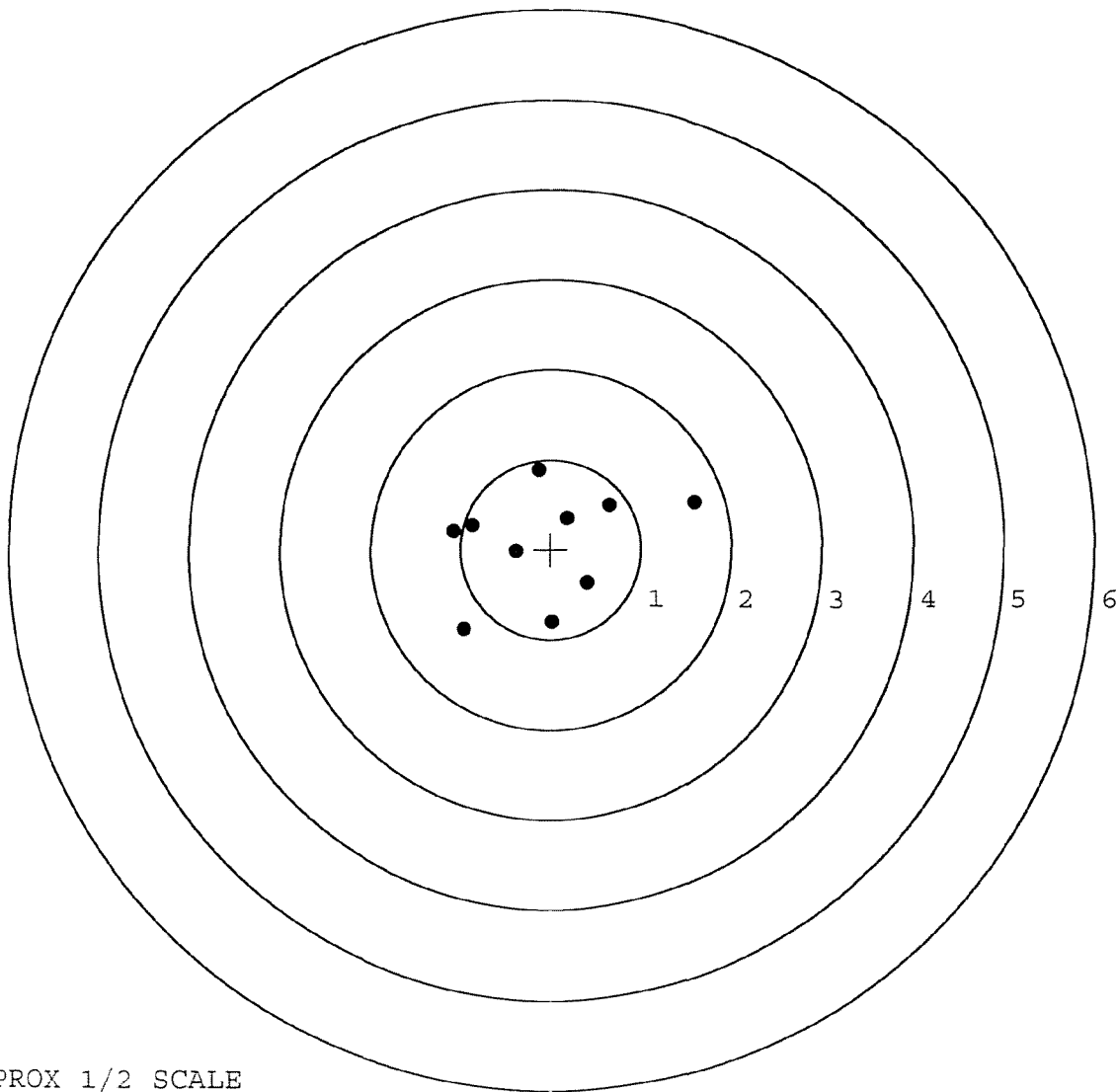
MAX RADIUS: 1.709

MEAN RADIUS: 0.877

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

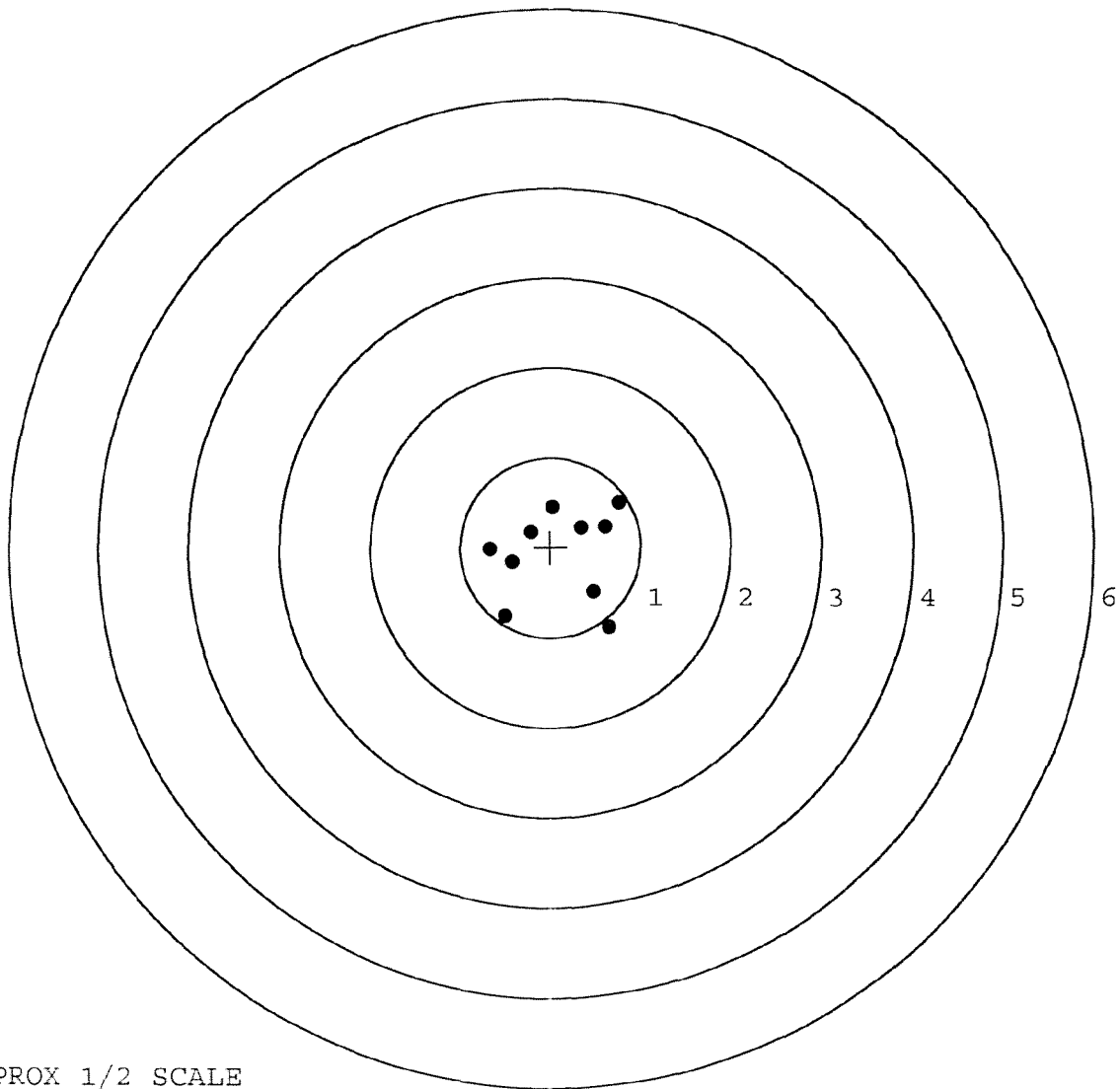


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225593. __0
 TARGET NUMBER: 2
 FILE DATE: 04/27/2004
 FILE TIME: 07:58

POINT#	X	Y
1:	0.652	-0.889
2:	0.476	-0.496
3:	0.602	0.230
4:	0.754	0.500
5:	0.337	0.221
6:	0.023	0.452
7:	-0.226	0.169
8:	-0.422	-0.164
9:	-0.667	-0.023
10:	-0.505	-0.761

X CENTROID: 0.102
 Y CENTROID: -0.076
 POA TO CENTROID: 0.128
 HORZ SPREAD: 1.421
 VERT SPREAD: 1.389
 GROUP SPREAD: 1.578
 MIN RADIUS: 0.379
 MAX RADIUS: 0.981
 MEAN RADIUS: 0.654
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



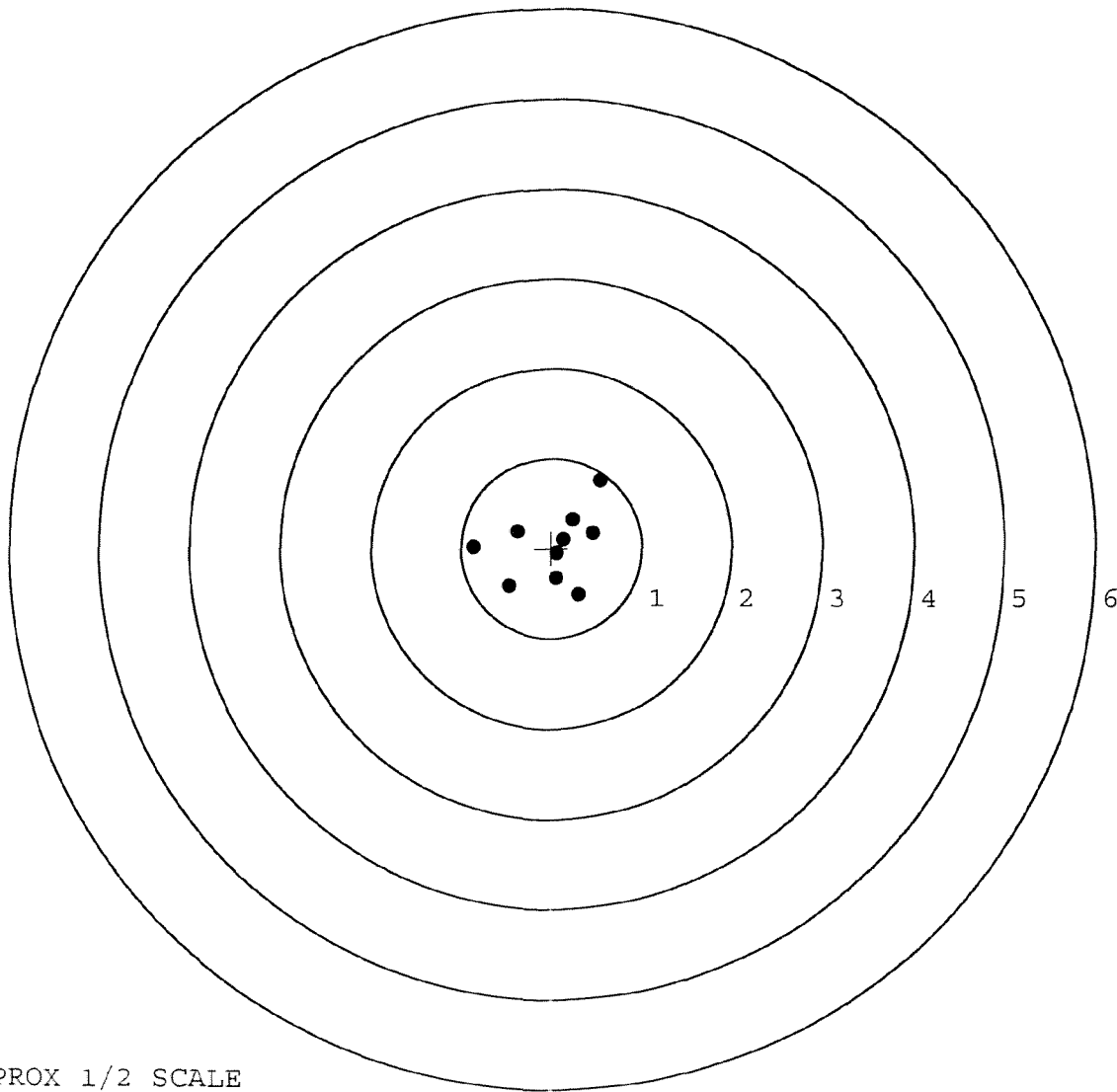
TARGET APPROX 1/2 SCALE

BARBER - M24 0052031

SERIAL NUMBER: C6225593. 0
TARGET NUMBER: 3
FILE DATE: 04/27/2004
FILE TIME: 07:58

POINT#	X	Y
1:	-0.870	0.011
2:	-0.467	-0.424
3:	-0.386	0.185
4:	0.306	-0.521
5:	0.060	-0.335
6:	0.538	0.750
7:	0.459	0.165
8:	0.240	0.315
9:	0.138	0.096
10:	0.061	-0.057

X CENTROID: 0.008
Y CENTROID: 0.019
POA TO CENTROID: 0.020
HORZ SPREAD: 1.408
VERT SPREAD: 1.271
GROUP SPREAD: 1.590
MIN RADIUS: 0.092
MAX RADIUS: 0.903
MEAN RADIUS: 0.493
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225593. __0

TARGET NUMBER: 4

FILE DATE: 04/27/2004

FILE TIME: 07:58

POINT#	X	Y
1:	-0.043	0.459
2:	-0.435	0.008
3:	-0.759	-0.205
4:	-0.643	0.402
5:	-0.461	0.706
6:	-0.108	-0.522
7:	0.142	-0.335
8:	1.109	0.059
9:	0.999	-0.078
10:	0.611	-0.075

X CENTROID: 0.041

Y CENTROID: 0.042

POA TO CENTROID: 0.059

HORZ SPREAD: 1.868

VERT SPREAD: 1.228

GROUP SPREAD: 1.887

MIN RADIUS: 0.390

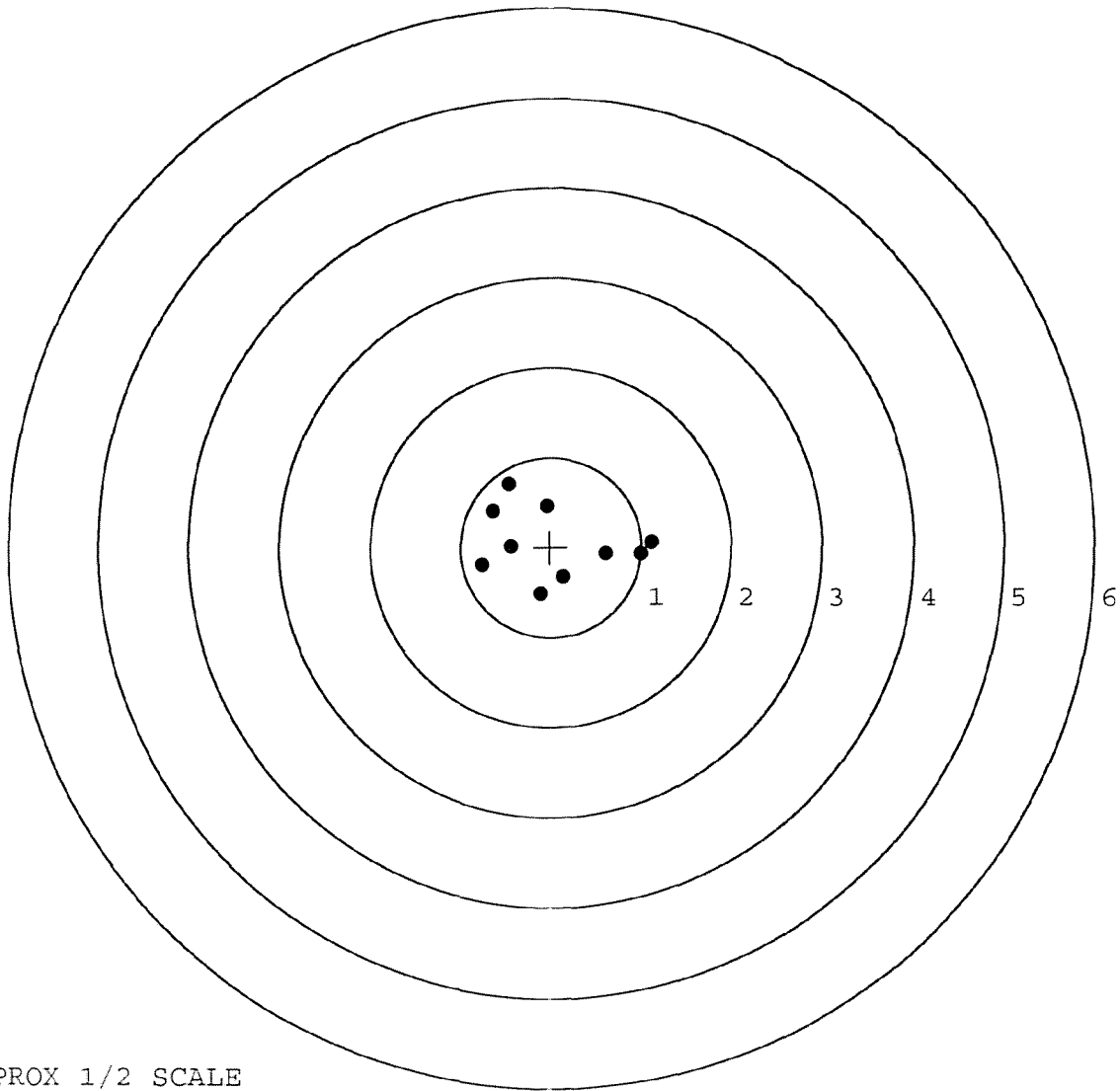
MAX RADIUS: 1.068

MEAN RADIUS: 0.693

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

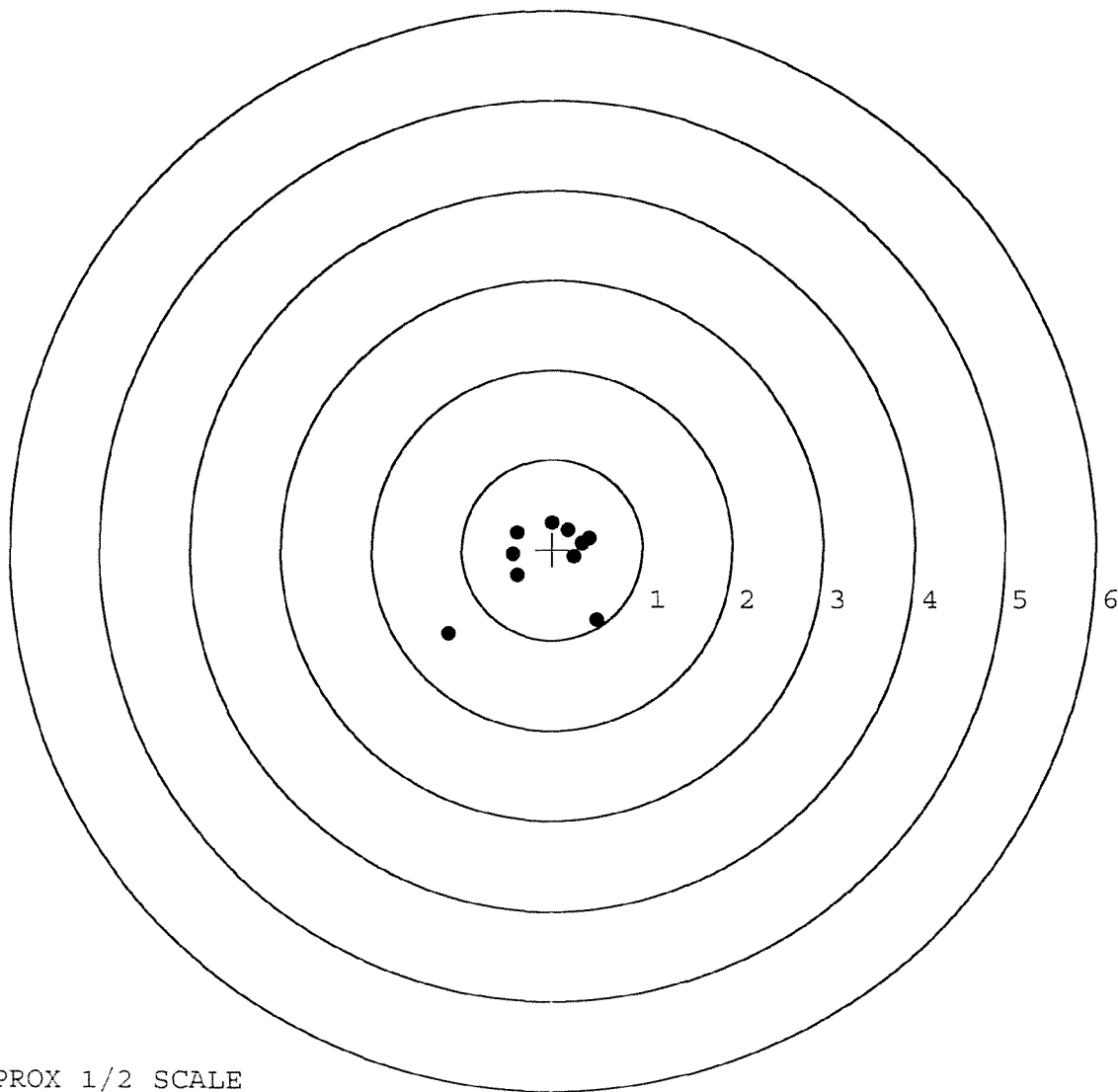
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0052033

SERIAL NUMBER: C6225593. 0	POINT#	X	Y
TARGET NUMBER: 5	1:	0.498	-0.781
FILE DATE: 04/27/2004	2:	-1.150	-0.940
FILE TIME: 07:58	3:	-0.384	-0.287
	4:	-0.393	0.183
X CENTROID: -0.070	5:	0.000	0.297
Y CENTROID: -0.126	6:	0.180	0.215
POA TO CENTROID: 0.144	7:	0.407	0.126
HORZ SPREAD: 1.648	8:	0.245	-0.081
VERT SPREAD: 1.237	9:	0.327	0.068
GROUP SPREAD: 1.887	10:	-0.428	-0.060
MIN RADIUS: 0.318			
MAX RADIUS: 1.353			
MEAN RADIUS: 0.553			
# IN 1 IN DIAMETER: 7			
# IN 2 IN DIAMETER: 9			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

BARBER - M24 0052034 79567			
SERIAL NUMBER	C6225593		
LOG-IN DATE	4-2-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-5-04	RT
560 A	RE-BARREL	4-6-04	RT
B	DRILL AND TAP		
575	ASSEMBLE	4-6-04	RT
600	PROOF	4-12-04	RT
605	CHECK HEADSPACE	4-12-04	RT
610	DIS-ASSEMBLE GUN	4-13-04	RT
612	MAGNAFLUX		OPERATOR BS
615	ROLLMARK CALIBER	4-13-04	RT
618	ROTO-BLAST	4/14/04	DC
620	APPLY COATINGS	4-16	TH
625 A	FINAL ASSEMBLY	4-20-04	RT
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	4-27-04	TRW
655	FINAL INSPECT	4-27-04	RT
660	PACK	4-27-04	DA
		SHIP DATE	
	QAR INSPECTION DATE		

[illegible]

Remington[®]

REG. U.S. PAT. & TM. OFF.

DUPONT

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

MODEL 700TM M24

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

SERIAL NO.
06225593

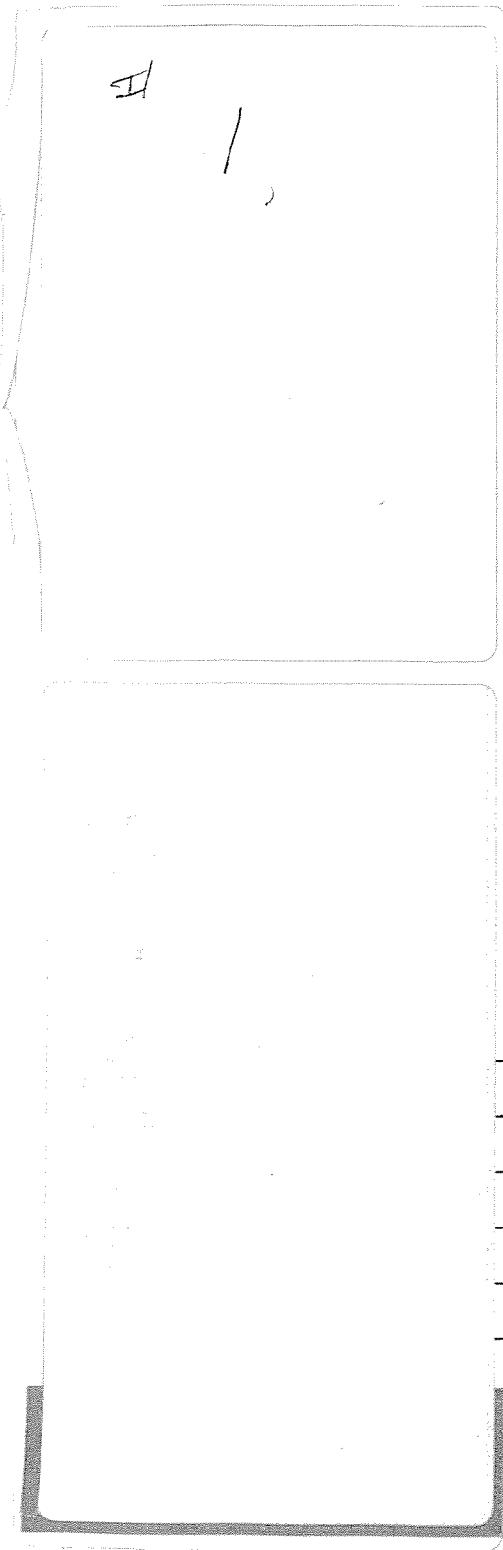
ORDER NO.
5716

20

UPC

0 47700 25716 7

5716 06225593



Scope 0494

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225593

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	12 9	88	RW
600	Proof	12 9	88	RW
607	Check Headspace	12 9	88	RW
610	Dis-assemble Gun	12 9	88	RW
612	Magnaflux Barrel Action		12 22 88	RK.
	Magnaflux Bolt		1-3-89	RK.
615	Rollmark Caliber		12/2/88	WJC
617	Drill and Tap Sight Holes	1 2	88	FB
618	Polish Barrel	12 2	88	WJT
620	Apply Coatings (Barrel Action)		1-16-89	15A
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/9/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/9/89	RW
	C) Inspect Ejector Hole for Chamfer		2/9/89	RW
	D) Oil Firing Pin Ass'y		2/9/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/2/89	RS

op. #	BARBER - M24 0052039 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	4	4			14 Feb 89	JSS
	G) Safety Off Force	3	3	3			14 Feb 89	JSS
	H) Trigger Pull Test & Retainability						10 Feb 89	JSS
	I) Firing Pin Indent	.0205	.0205	.021			14 Feb 89	JSS
	J) Assemble Stock						2/16/89	RW
	K) Assemble Swivel Studs						17 Feb 89	JSS
	L) Attach Front and Rear Sight Assemblies						2/16/89	RW
	M) Iron Sight Alignment						2/16/89	RW
	N) Detach Front & Rear Sights & place in numbered container						2/16/89	RW
	O) Attach Scope to Rifle						16 Feb 89	JSS
	P) Detach & Attach Scope 20 Times						16 Feb 89	JSS
640	Gallery Target & Test	68 R	83 L				2/16/89	PH
	A) Time						2/16/89	PH
	B) Malfunctions						2/16/89	PH
	C) Pierced Primers						2/16/89	PH
	D) Optical Clarity of Scope						2/16/89	PH
645	Inspect for Live Ammo						2/16/89	PH
655	Final Inspection A) Headspace						17 Feb 89	JSS
	B) Trigger Pull	2.39	2.37	2.37	2.40	2.36	17 Feb 89	JSS
	C) Function						17 Feb 89	JSS
660	Pack						23 Mar 89	JSS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 5593

DATE 3/31/90

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.56	2.45	2.28	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.52	2.44	2.24	
PULL #3	2.49	2.45	2.19	
PULL #4	2.50	2.43	2.28	
PULL #5	2.52	2.51	2.30	
TOTAL	12.59	12.28	11.29	
AVG.	2.51	2.45	2.25	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.19	3.16	
PULL #2	3.14	3.18	
PULL #3	3.22	3.03	
PULL #4	3.02	3.12	
PULL #5	3.04	3.07	
TOTAL	15.61	15.56	
AVG.	3.12	3.15	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.18		
PULL #2	4.23	4.15		
PULL #3	4.14	4.12		
PULL #4	4.23	4.14		
PULL #5	4.19	4.15		
TOTAL	21.03	20.74		
AVG.	4.21	4.14		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225593
17 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.762868
1 TO	2	.45943
1 TO	3	.119239
1 TO	4	.475281
1 TO	5	.379012

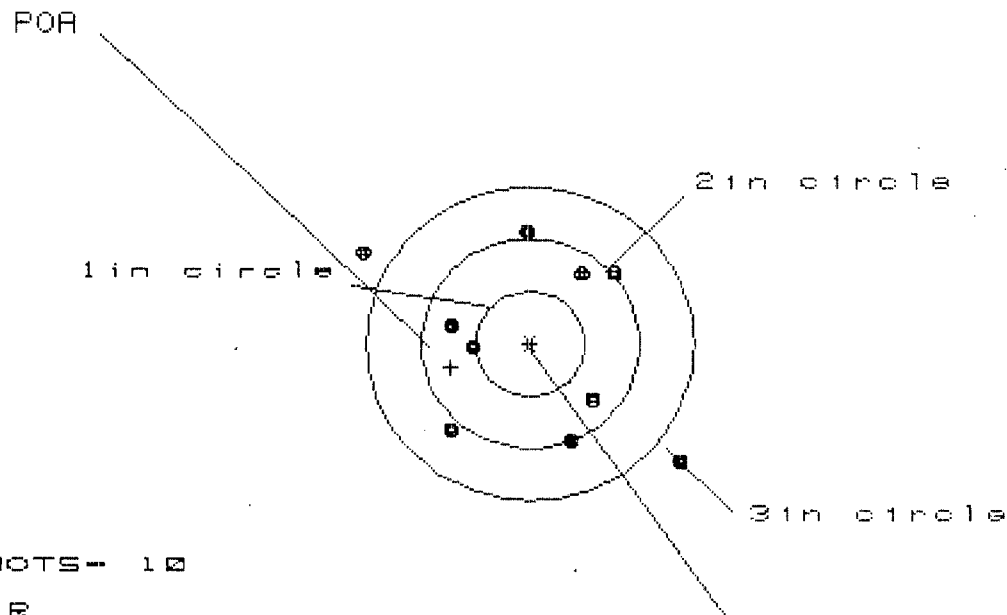
+5 b <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4888
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1108
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .501201
THE AMR FOR THIS RIFLE IS: .948

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225593

CENTERFIRE PATTERNS # 1



OF SHOTS-- 10

IN CIR

1 in = 0

2 in = 6

3 in = 8

HS= 2.853

VS= 2.213

GS= 3.475

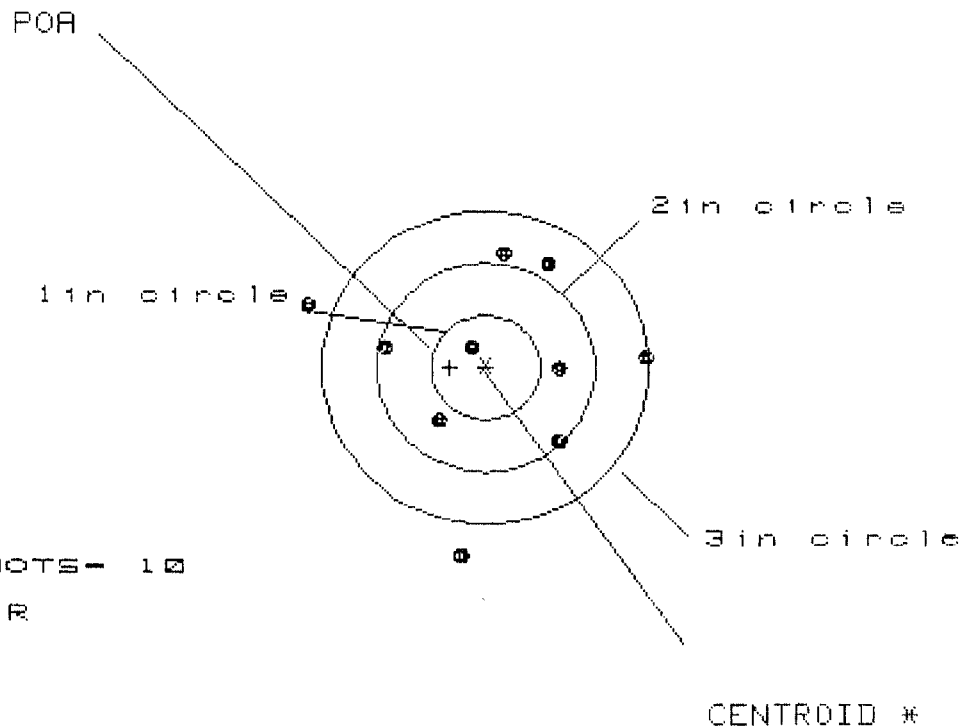
CENTROID *

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.333	1.165	.711
MINIMUM X	:	-1.519	-.943	-.798
MAXIMUM Y	:	1.090	1.185	1.057
MINIMUM Y	:	-1.123	-1.028	-.922
CENTROID X	:	.728	.897	.752
CENTROID Y	:	.228	.133	.261
POA TO CENTROID in.	:	.763	.907	.796
MIN RADIUS	:	.546	.592	.574
MEAN RADIUS	:	1.054	.970	.880
MAX RADIUS	:	1.746	1.553	1.131
HORIZONTAL SPREAD	:	2.853	2.108	1.509
VERTICAL SPREAD	:	2.213	2.213	1.979
EXTREME SPREAD	:	3.475	2.589	2.076
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225593

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 3.061

VS= 2.906

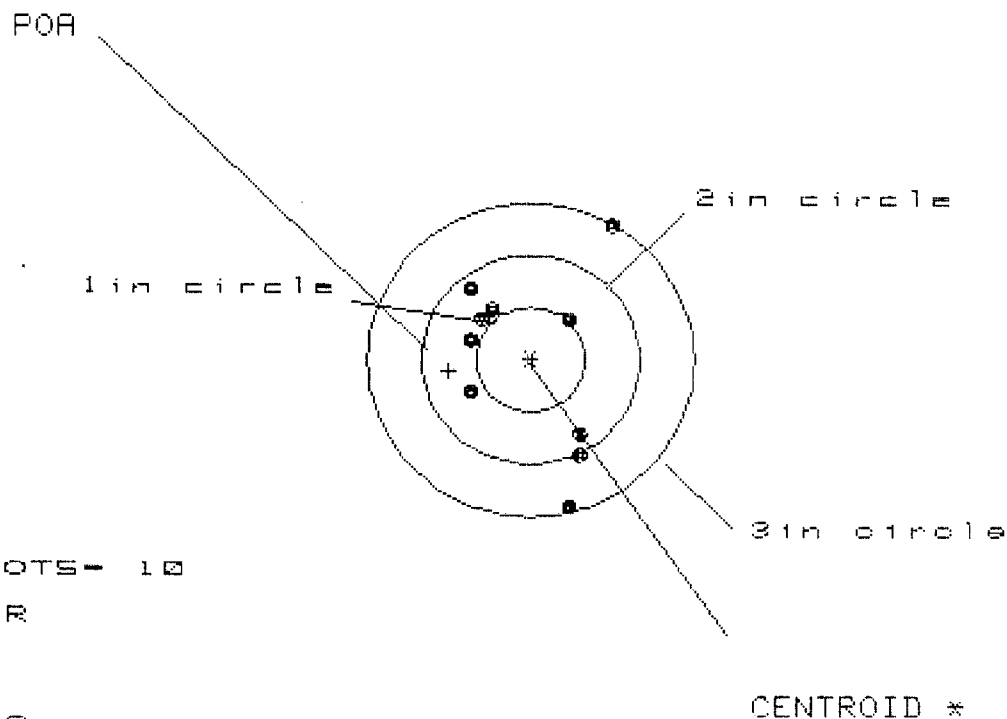
GS= 3.091

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.432	1.403	1.196
MINIMUM X	:	-1.629	-1.658	-1.151
MAXIMUM Y	:	1.104	.904	.947
MINIMUM Y	:	-1.802	-.942	-.899
CENTROID X	:	.328	.357	.564
CENTROID Y	:	.002	.202	.159
POA TO CENTROID in.	:	.328	.410	.586
MIN RADIUS	:	.242	.207	.411
MEAN RADIUS	:	1.068	.968	.868
MAX RADIUS	:	1.821	1.694	1.196
HORIZONTAL SPREAD	:	3.061	3.061	2.347
VERTICAL SPREAD	:	2.906	1.846	1.846
EXTREME SPREAD	:	3.091	3.091	2.348
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225593

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 7

3 in = 10

HS= 1.332

VS= 2.646

GS= 2.679

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.771	.579	.633
MINIMUM X	-.561	-.475	-.421
MAXIMUM Y	1.272	.813	.659
MINIMUM Y	-1.374	-1.232	-.929
CENTROID X	.751	.665	.611
CENTROID Y	.111	-.031	.123
POA TO CENTROID in.	.759	.666	.623
MIN RADIUS	.506	.491	.392
MEAN RADIUS	.844	.768	.661
MAX RADIUS	1.488	1.307	1.076
HORIZONTAL SPREAD	1.332	1.054	1.054
VERTICAL SPREAD	2.646	2.045	1.588
EXTREME SPREAD	2.679	2.239	1.857
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225593

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 1.799

VS= 2.683

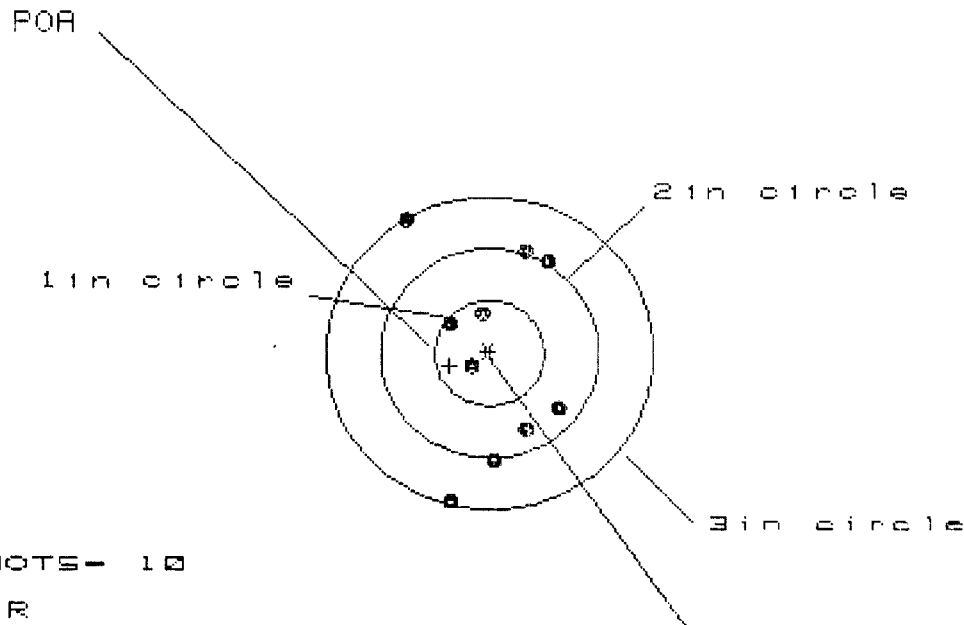
GS= 2.814

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.093	1.117	.784
MINIMUM X	-.706	-.682	-.542
MAXIMUM Y	1.460	.820	.732
MINIMUM Y	-1.223	-1.060	-1.148
CENTROID X	.272	.248	.108
CENTROID Y	.094	-.069	.019
POA TO CENTROID in.	.288	.257	.110
MIN RADIUS	.260	.302	.344
MEAN RADIUS	.889	.838	.747
MAX RADIUS	1.477	1.319	1.238
HORIZONTAL SPREAD	1.799	1.799	1.326
VERTICAL SPREAD	2.683	1.880	1.880
EXTREME SPREAD	2.814	2.200	1.957
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	10	

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225593

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 9

HS= 1.389

VS= 2.700

GS= 2.725

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.628	.544	.484
MINIMUM X	:	-.761	-.476	-.525
MAXIMUM Y	:	1.303	1.128	.971
MINIMUM Y	:	-1.397	-1.252	-1.042
CENTROID X	:	.365	.449	.509
CENTROID Y	:	.119	-.026	.131
POA TO CENTROID in.	:	.384	.450	.525
MIN RADIUS	:	.252	.282	.381
MEAN RADIUS	:	.885	.813	.742
MAX RADIUS	:	1.509	1.340	1.053
HORIZONTAL SPREAD	:	1.389	1.020	1.009
VERTICAL SPREAD	:	2.700	2.310	2.013
EXTREME SPREAD	:	2.725	2.496	2.046
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

ORDER
R 97-09510

INITIAL	CUSTOMER ORDER NO.
JJM	012060

WOG 2 OF 19
M-24

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
05/14/97	05/14/97	BJ 1-89	C6225593		700 7.62 NATO
ACCESSORIES	W/STUDS	SCOPE	BASE		

FROM:

SHIP TO:

CDR, HSC
HSC 1/7 SFG (A)
FT BRAGG

NC 28307

CDR, HSC
HSC 1/7 SFG (A)
FT BRAGG

NC
28307

CUST NO: 162915 C.O.D.

ACCOUNT NUMBER	ACCOUNT NUMBER N/C
----------------	--------------------

PROM. DATE	ESTIMATED	VIA
		DOOR

GUN CONDITION

☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
------------------	------	----------	--------	----------	-----	---------

TRIGGER GROUP

BOLT ASSY.	92	1	E2	12
------------	----	---	----	----

BARREL ASSY. 01 03 12

REC. ASSY.		08	08	ES	71
------------	--	----	----	----	----

WOOD	C1	D2	F5	H2
------	----	----	----	----

METAL	C2	
-------	----	--

MAIN FAULT

PARTS

COMMENTS

Barrel Assy

96001

Repower Coat Trigger Guard
Fussy, Front + Rear Sight Bases
ReZinc Scope Base + Swivel
Studs

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
-----------	-------	-------	------	--------	---------

GALLERY TESTER	CATE	DATE	DATE	DATE	DATE	DATE

Tw 5/6-97 7-9-97 7-14-97 7-14-97

OFFICE COPY

050325 8EV 1:194

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0052047 M2400052086

21 DAY TURN - AROUND

New
BarrelM-24
CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. C6225593

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	5-16-97	Rw
605	CHECK HEADSPACE	5-16-97	Rw
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	7-9-97	Rw
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	7-14-97	JW
655	FINAL INSPECT		
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6225593

DATE REC'D: 5-14-97

DATE RET'D:

AUDITOR: RW

Item:

Barrel Assy.

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

Scope Assy.

☐ Scope☐ Scope Rings☒ Mounting Screws☒ Mounting Base☐ Screws☐ Finish☐ Looseness☐ CLARITY

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

☒ Stock☒ Sling Swivel Studs☒ ADJUSTABLE Butt PLATE☒ Lock Nuts☒ BARREL CLEARANCE☒ COLOR/Finish

Systems Case

☐ Scope Case☐ Iron SIGHTS☐ Deployment Kit

Trigger

☒ SAFETY Operation☒ Set

Comments:

BARBER - M24 0052050

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225593
15 Jul 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2464
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1418
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .284289

THE AMR FOR THIS RIFLE IS: 1.047

CENTROIDAL DISTANCES

0 TO	1	.110164
1 TO	2	.3436
1 TO	3	.895625
1 TO	4	.411092
1 TO	5	.472055

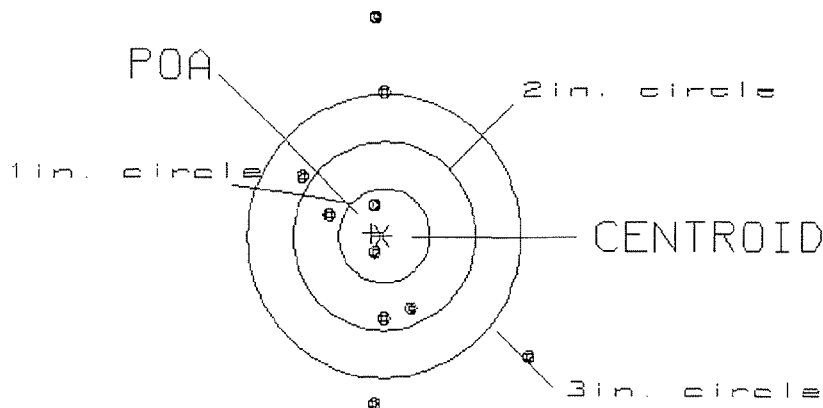
3 5 ⁴₂ +1 <----POA

PATTERN #: 1
 POA TO CENTROID: .110
 MIN RADIUS : .249
 MEAN RADIUS : 1.175
 MAX RADIUS : 2.380
 CENTROID X : .106
 CENTROID Y : -.030

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225593

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.45

2

US= 4.17

5

GS= 4.17

6

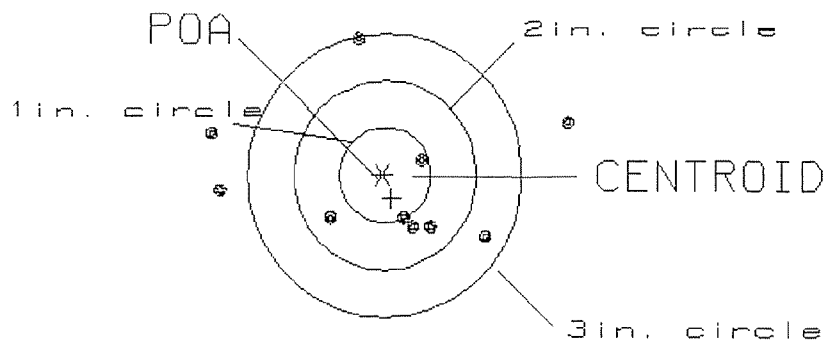
PATTERN #: 2

POA TO CENTROID: .265
 MIN RADIUS : .445
 MEAN RADIUS : 1.151
 MAX RADIUS : 2.082
 CENTROID X : -.100
 CENTROID Y : .245

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225593

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.85

2

VS= 2.02

5

GS= 3.86

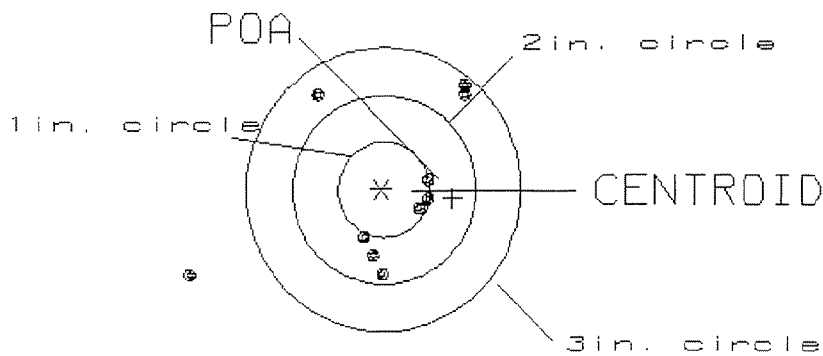
7

PATTERN #: 3
 POA TO CENTROID: .787
 MIN RADIUS : .444
 MEAN RADIUS : .980
 MAX RADIUS : 2.298
 CENTROID X : -.781
 CENTROID Y : .094

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225593

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.04

3

VS= 1.97

6

GS= 3.60

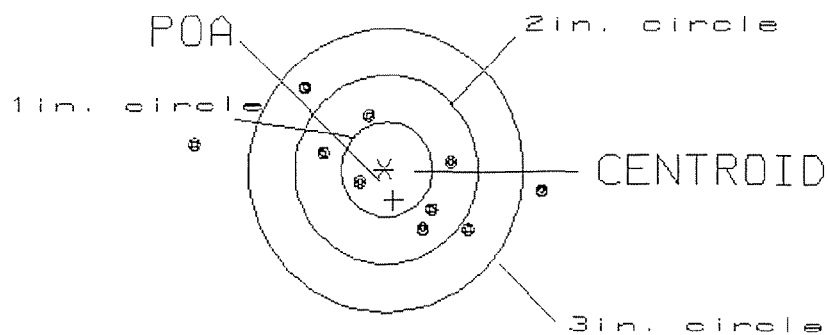
9

PATTERN #: 4
 POA TO CENTROID: .340
 MIN RADIUS : .276
 MEAN RADIUS : .999
 MAX RADIUS : 2.135
 CENTROID X : -.103
 CENTROID Y : .324

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/CG225593

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.82

1

VS= 1.57

6

GS= 3.86

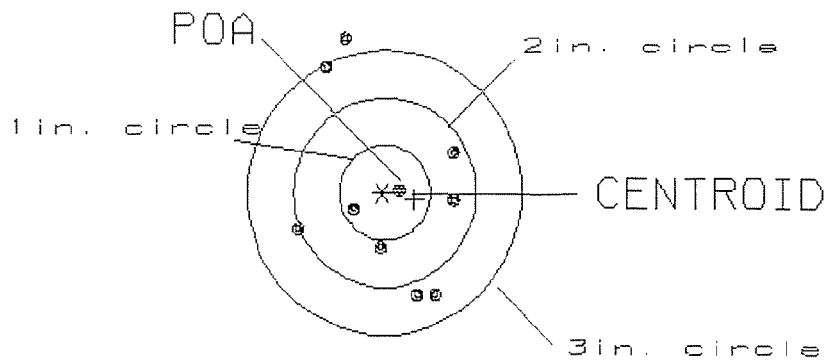
8

PATTERN #: 5
 POA TO CENTROID: .362
 MIN RADIUS : .157
 MEAN RADIUS : .931
 MAX RADIUS : 1.726
 CENTROID X : -.354
 CENTROID Y : .076

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225593

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.68
 VS= 2.78
 GS= 2.96

2
 5
 3