

C6611716

MODEL 700™ M24

Model **SAS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00068060

Serial: C6611716 Model 700 CenterFire Caliber: 7
62 NATO M/24 SWS

Repairman:

Verify Repair

Status:

New 7/25/2003 7:39:30 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: P B O MAT MGMT SEC PMB RLBC

P B O MAT MGMT SEC PMB RLBC

Address 1: 2105 9TH ST BLDG 4189 BAY C DOOR 12

2105 9TH ST BLDG 4189 BAY C DOOR 12

Address 2: PO Box:

FORT SAM HOUSTON PO Box:

City: FORT SAM HOUSTON

FORT SAM HOUSTON

State: TX Zip Code: 78234

Country: US

State: TX

Zip Code: 78234

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

Code	Desc	Qty
A007	With Stud	1
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
C000	FRONT AND REAR B.	1

Repair Search

Refresh

Close

nagletj

7/25/2003

10:41 AM

CAPS

NUM

INS

SCRL

start

6 Files...

6 Files...

Arms Servi...

Part Seart...

2 Intern...

COC-PART...

10:41 AM

Serial Number: C6611716
Model: 700
RE00068060

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

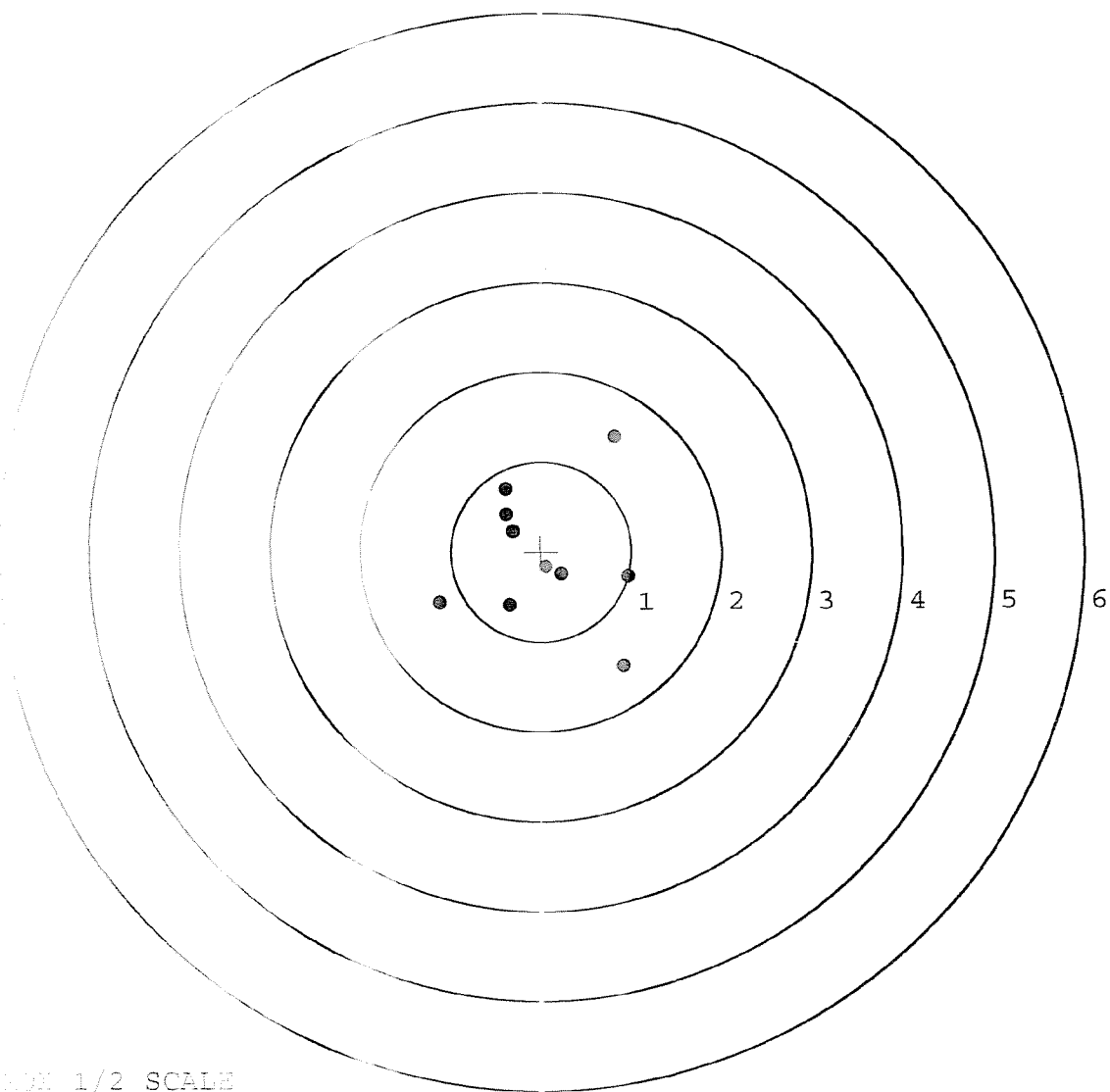
FIREARM SERIAL NUMBER / DATASET NAME: C6611716.___0
FILE DATE AND TIME: 08/05/2003 06:27

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.039
The Average Y Centroid of the Five Target Set:	-0.092
The Average Point of Impact of the Five Target Set:	0.100
The Average Mean Radius of the Five Target Set:	0.583
The Distance from POA to Centroid Target #1:	0.067
The Distance from Centroid Target #2 to Centroid Target #1:	0.152
The Distance from Centroid Target #3 to Centroid Target #1:	0.151
The Distance from Centroid Target #4 to Centroid Target #1:	0.037
The Distance from Centroid Target #5 to Centroid Target #1:	0.045

SERIAL NUMBER: C6611716. __0
 TARGET NUMBER: 1
 FILE DATE: 08/05/2009
 FILE TIME: 06:27

	POINT#	X	Y
	1:	0.820	1.280
	2:	-0.389	0.698
	3:	-0.383	0.418
	4:	-0.308	0.233
X CENTROID:	5:	0.965	-0.279
Y CENTROID:	6:	0.916	-1.271
POA TO CENTER:	7:	-0.347	-0.596
HORZ SPREAD:	8:	-1.122	-0.568
VERT SPREAD:	9:	0.224	-0.250
GROUP SPREAD:	10:	0.059	-0.173
MIN RADIUS:		0.123	
MAX RADIUS:		1.541	
MEAN RADIUS:		0.828	
# IN 1 IN. DIAMETER:		3	
# IN 2 IN. DIAMETER:		7	
# IN 3 IN. DIAMETER:		8	

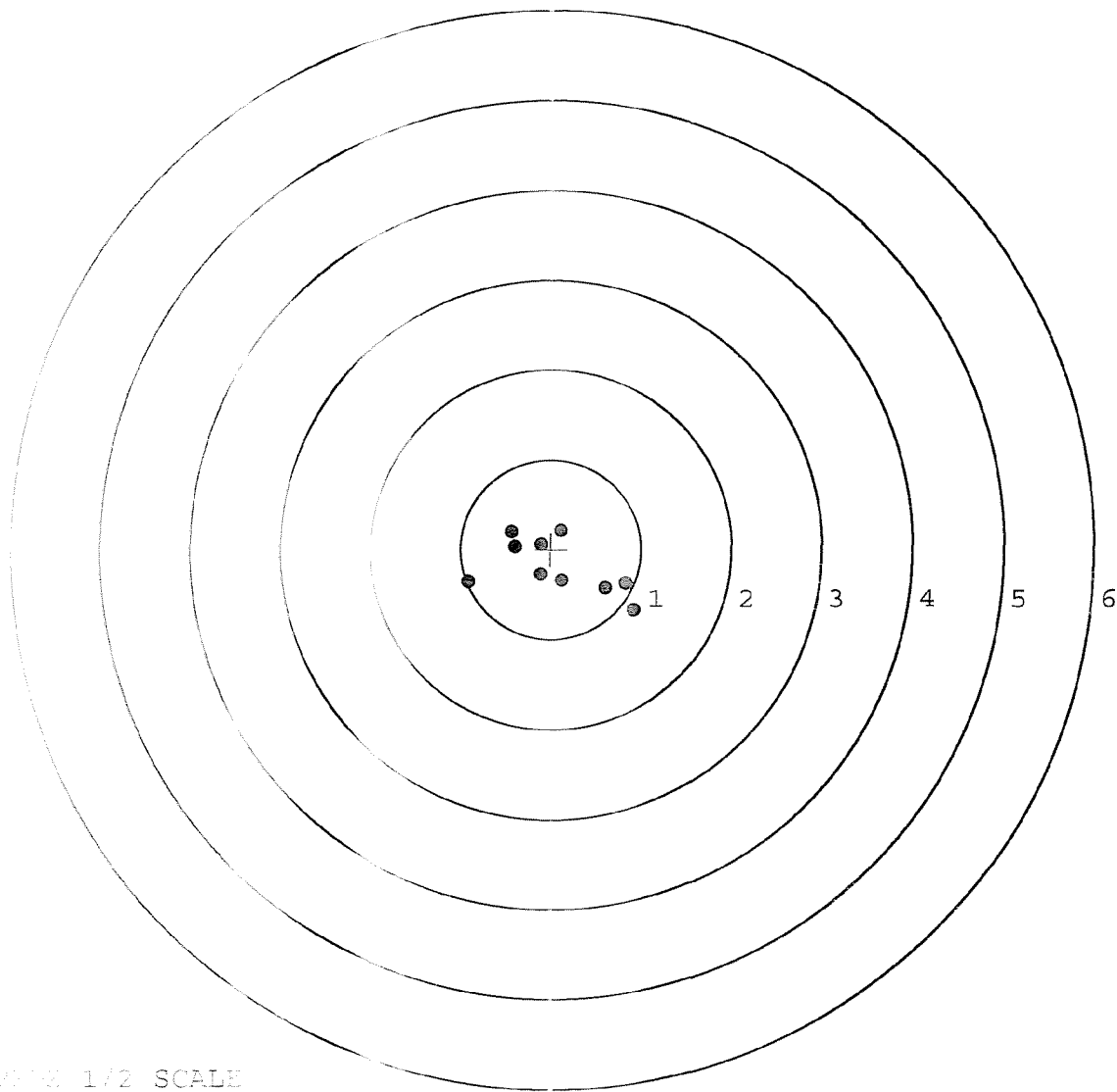


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611716. 0
 TARGET NUMBER: 2
 FILE DATE: 08/05/2003
 FILE TIME: 09:27

X CENTROID: 0.060
 Y CENTROID: -0.202
 POA TO CENTROID: 0.210
 HORZ SPREAD: 1.833
 VERT SPREAD: 0.894
 GROUP SPREAD: 1.862
 MIN RADIUS: 0.159
 MAX RADIUS: 0.987
 MEAN RADIUS: 0.559
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.833	-0.381
2:	0.606	-0.438
3:	0.919	-0.686
4:	-0.914	-0.361
5:	0.120	-0.349
6:	-0.119	-0.286
7:	0.111	0.208
8:	-0.446	0.195
9:	-0.394	0.027
10:	-0.116	0.056



TARGET A.W.A.W 1/2 SCALE

SERIAL NO. 251: C6611716.0

TARGET NUMBER: 3

FILE DATE: 08/05/2003

FILE TIME: 06:27

POINT#	X	Y
1:	-0.668	0.353
2:	-0.466	0.153
3:	0.154	0.526
4:	-0.034	0.359
5:	0.236	0.161
6:	0.253	0.015
7:	0.083	-0.534
8:	0.060	-0.777
9:	-0.087	-1.145
10:	-0.069	-0.768

X CENTROID: -0.054

Y CENTROID: -0.166

POA TO CENTROID: 0.174

HORZ SPREAD: 0.921

VERT SPREAD: 1.671

GROUP SPREAD: 1.688

MIN RADIUS: 0.356

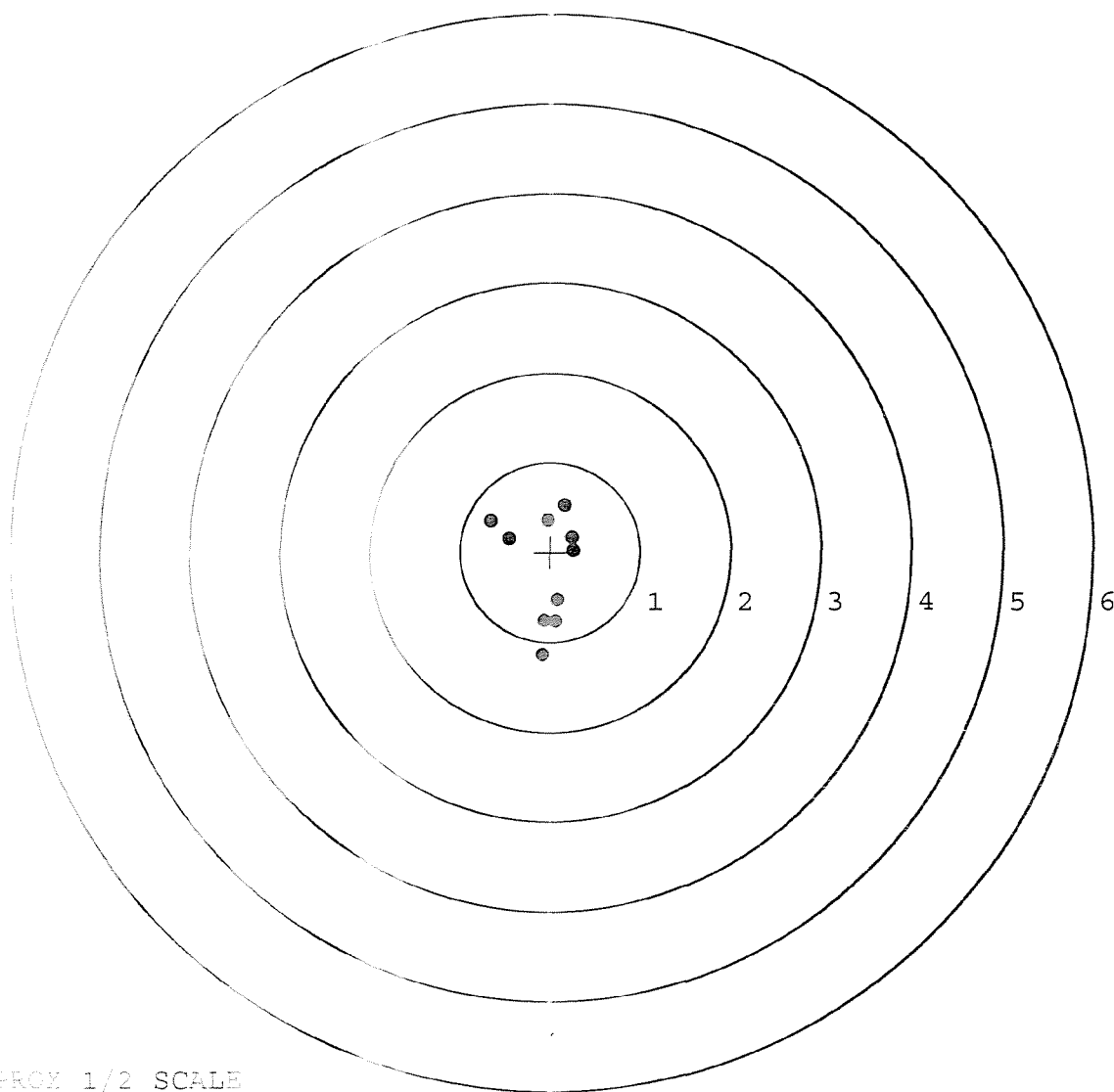
MAX RADIUS: 0.980

MEAN RADIUS: 0.596

IN 1 IN DIAMETER: 3

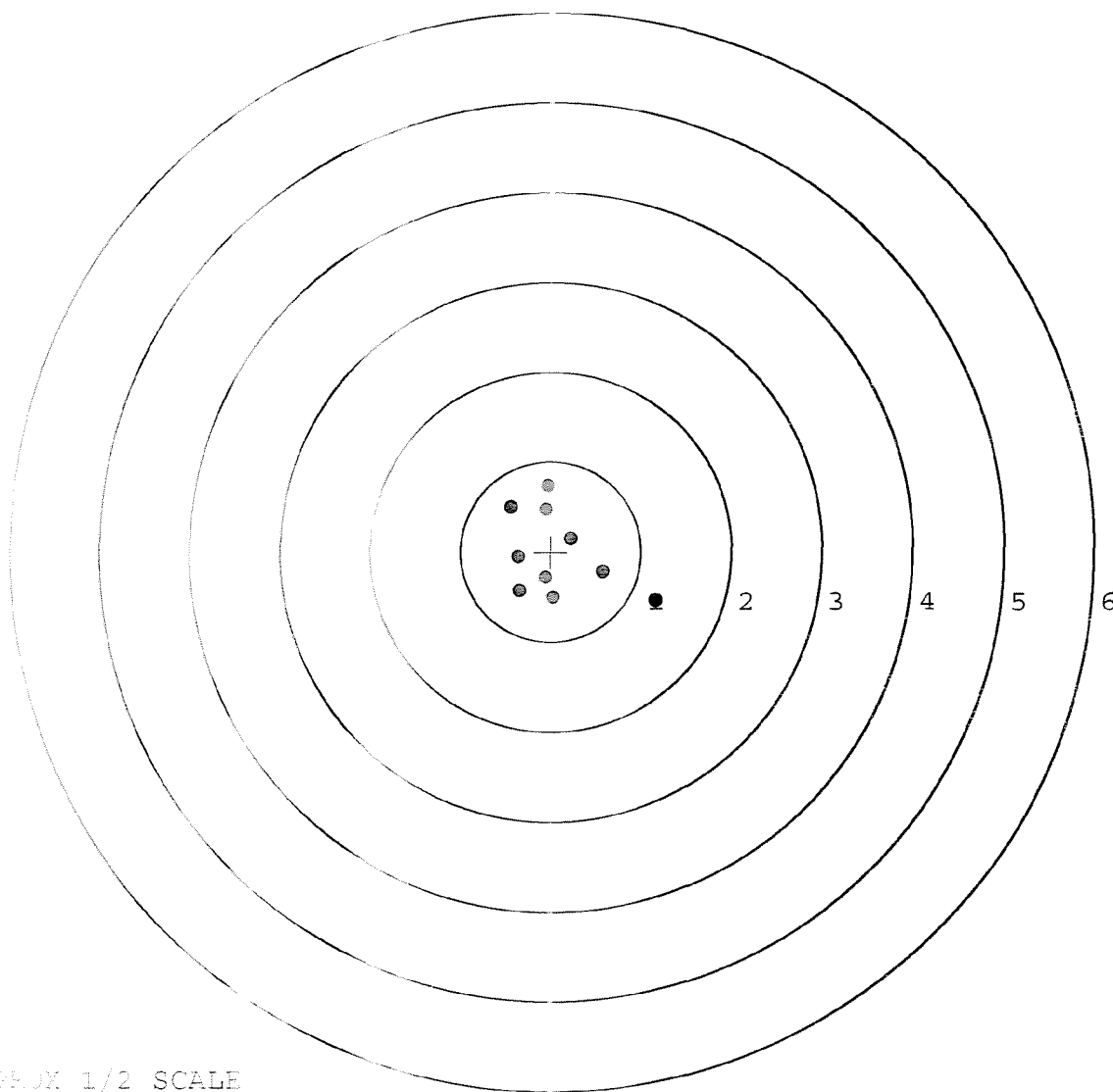
IN 2 IN DIAMETER: 10

IN 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611716.0	POINT#	X	Y
TARGET NUMBER: 4	1:	-0.350	-0.437
FILE DATE: 03/05/2003	2:	-0.061	-0.287
FILE TIME: 06:27	3:	0.033	-0.508
	4:	1.162	-0.542
X CENTROID: 0.066	5:	0.577	-0.226
Y CENTROID: -0.021	6:	0.215	0.148
POA TO CENTROID: 0.069	7:	-0.043	0.732
HORZ SPREAD: 1.612	8:	-0.064	0.472
VERT SPREAD: 1.274	9:	-0.450	0.494
GROUP SPREAD: 1.916	10:	-0.360	-0.056
MIN RADIUS: 0.225			
MAX RADIUS: 1.214			
MEAN RADIUS: 0.579			
# IN 1 IN DIAMETER: 4			
# IN 2 IN DIAMETER: 9			
# IN 3 IN DIAMETER: 10			

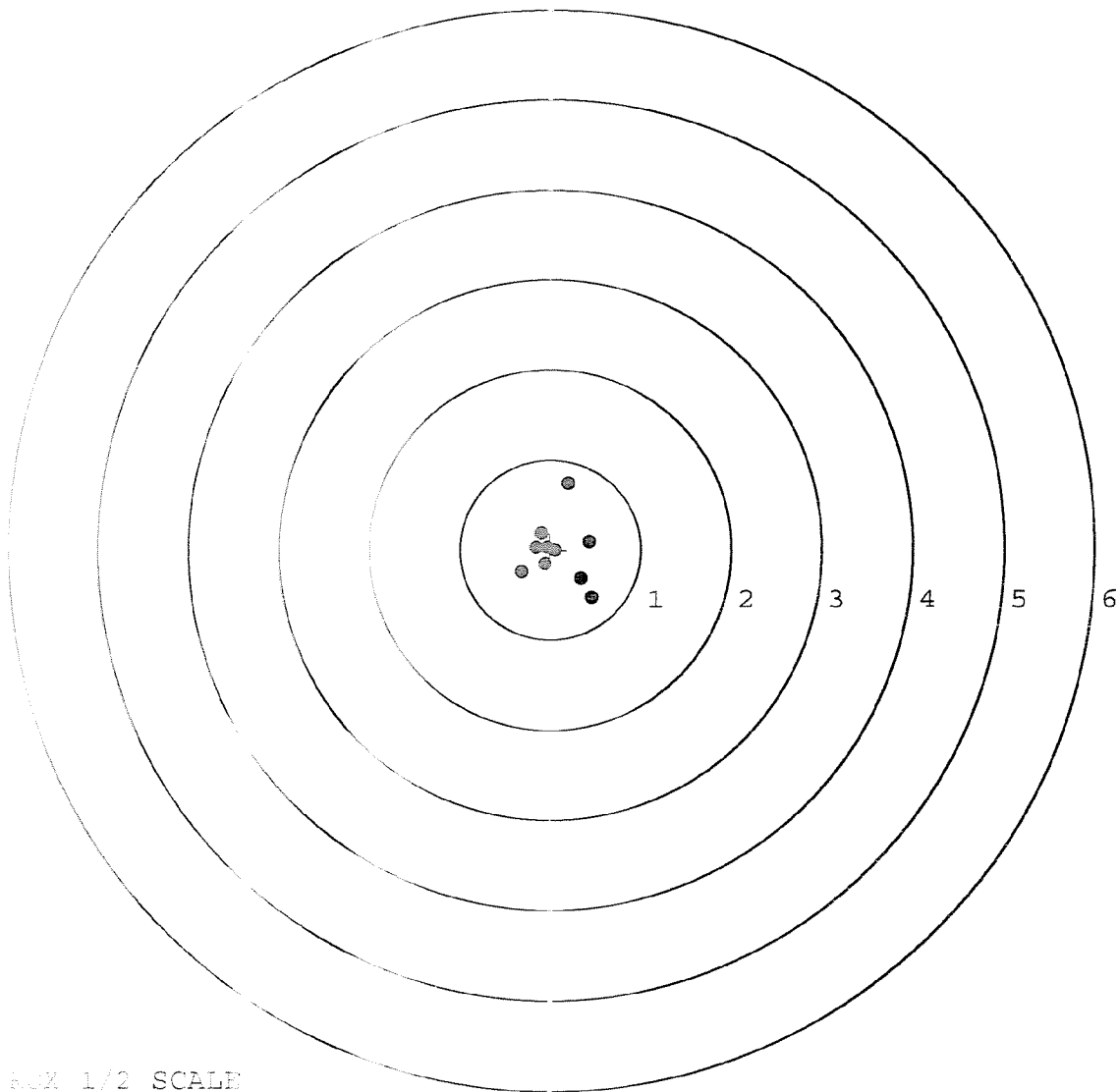


TARGET A. PROJ 1/2 SCALE

SERIAL NUMBER: C6611716. 0
TARGET NUMBER: 5
FILE DATE 08/05/2003
FILE TIME 08:27

X CENTROID: 0.078
Y CENTROID: -0.023
POA TO CENTROID: 0.082
HORZ SPREAD: 0.784
VERT SPREAD: 1.772
GROUP SPREAD: 1.299
MIN RADIUS: 0.023
MAX RADIUS: 0.768
MEAN RADIUS: 0.251
IN 1 IN DIAMETER: 9
IN 2 IN DIAMETER: 10
IN 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.195	0.736
2:	0.430	0.089
3:	0.339	-0.322
4:	0.460	-0.536
5:	-0.106	0.180
6:	0.060	-0.009
7:	-0.066	-0.166
8:	-0.324	-0.249
9:	-0.165	0.021
10:	-0.038	0.024



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	68060		
SERIAL NUMBER	C661716		
LOG-IN DATE	7-25-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	7-25-03	RTL
560 A	RE-BARREL	7-29-03	RTL
B	DRILL AND TAP	7-29-03	TRW
575	ASSEMBLE	7-29-03	RTL
600	PROOF	7-29-03	RTL
605	CHECK HEADSPACE	7-29-03	RTL
610	DIS-ASSEMBLE GUN	7-29-03	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	7-29-03	RTL
618	ROTO-BLAST	7-30-03	OK
620	APPLY COATINGS	7-31	TA
625 A	FINAL ASSEMBLY	8-4-03	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	8-5-03	AC
655	FINAL INSPECT	8-5-03	RTL
660	PACK	8/5/03	ATA
		SHIP DATE	
	QAR INSPECTION DATE		

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



SERIAL NO.
C6611716

ORDER NO.
5716

MODEL 700™ H24

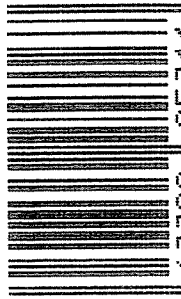
20

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



5716 C6611716

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611716

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 28	91	Rw
600	Proof	3 28	91	Rw
607	Check Headspace	3 28	91	Rw
610	Dis-assemble Gun	3 28	91	Rw
612	Magnaflux Barrel Action	APR	2 1991	KR
	Magnaflux Bolt	APR	2 1991	u
615	Rollmark Caliber	APR	2 1991	LL
617	Drill and Tap Sight Holes	APR	5 1991	FB
618	Polish Barrel	APR	5 1991	WB
620	Apply Coatings (Barrel Action)		4-9-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/16/91	Rw
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/16/91	Rw
	C) Inspect Ejector Hole for Chamfer		4/16/91	Rw
	D) Oil Firing Pin Ass'y		4/16/91	Rw
	E) Adjust Trigger Pull to Min Setting and Stake		5/1/91	JM

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	5			5-2-91	DH
	G) Safety Off Force	3	3	3			5-2-91	DH
	H) Trigger Pull Test & Retainability						5/1/91	JM
	I) Firing Pin Indent	.020	.021	.021			5-2-91	DH
	J) Assemble Stock						5/3/91	RW
	K) Assemble Swivel Studs						5-10-91	DH
	L) Attach Front and Rear Sight Assemblies						5/3/91	RW
	M) Iron Sight Alignment						5/3/91	RW
	N) Detach Front & Rear Sights & place in numbered container						5/3/91	RW
	O) Attach Scope to Rifle						5/3/91	RW
	P) Detach & Attach Scope 20 Times						5/3/91	RW
640	Gallery Target & Test						5-3-91	DH
	A) Time						5-3-91	AC
	B) Malfunctions						5-3-90	AC
	C) Pierced Primers						5-3-91	AC
	D) Optical Clarity of Scope						5-3-91	AC
645	Inspect for Live Ammo						5-3-91	AC
655	Final Inspection							
	A) Headspace						5-10-91	DH
	B) Trigger Pull	2.20	2.22	2.23	2.23	2.28	5/9/91	JM
	C) Function						5-10-91	DH
660	Pack						6-17-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6611716

DATE 5-1-91

TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.20	2.30	2.38	2.20	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	3.31	2.41	2.22	
PULL #3	2.30	2.25	2.28	2.23	
PULL #4	2.28	2.31	2.30	2.23	
PULL #5	2.14	2.25	2.31	2.28	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.44	3.32		
PULL #2	3.21	3.32		
PULL #3	3.44	3.42		
PULL #4	3.31	3.36		
PULL #5	3.38	3.39		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.33	4.36		4.24
PULL #2	4.29	4.35		4.36
PULL #3	4.34	4.29		4.31
PULL #4	4.28	4.24		4.27
PULL #5	4.33	4.35		4.34
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611716
3 May 1991

CENTROIDAL DISTANCES

0 TO	1	.317619
1 TO	2	.144921
1 TO	3	.250667
1 TO	4	.334834
1 TO	5	.224804

0.000000 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1792
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0198
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .180291
THE AMR FOR THIS RIFLE IS: .9912

3 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611716

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 1.801

VS= 3.452

GS= 3.485

CENTROID *

PATTERN #

SHOTS (BEST OF)

MAXIMUM X

MINIMUM X

MAXIMUM Y

MINIMUM Y

CENTROID X

CENTROID Y

POA TO CENTROID in.

MIN RADIUS

MEAN RADIUS

MAX RADIUS

HORIZONTAL SPREAD

VERTICAL SPREAD

EXTREME SPREAD

NUMBER IN ONE INCH CIRCLE =

NUMBER IN TWO INCH CIRCLE =

NUMBER IN THREE INCH CIRCLE =

10

9

8

.846

.867

.954

-.955

-.934

-.847

2.047

1.035

.088

-1.405

-1.178

-1.046

.261

.240

.153

.181

-.046

.101

.318

.244

.184

.131

.101

.088

1.031

.918

.829

2.056

1.366

1.306

1.801

1.801

1.801

3.452

2.213

1.934

3.485

2.503

2.395

2

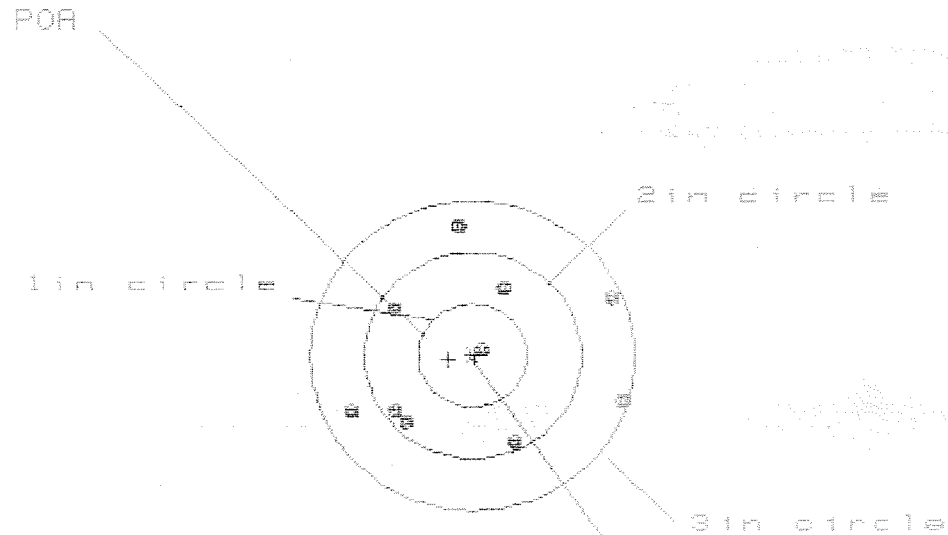
6

8

3 May 1991

FILE:/PATTERNING/CENTERFIRE PATT/C6611716

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 10

HS = 2.508

VS = 2.076

GS = 2.617

CENTROID *

PATTERN #

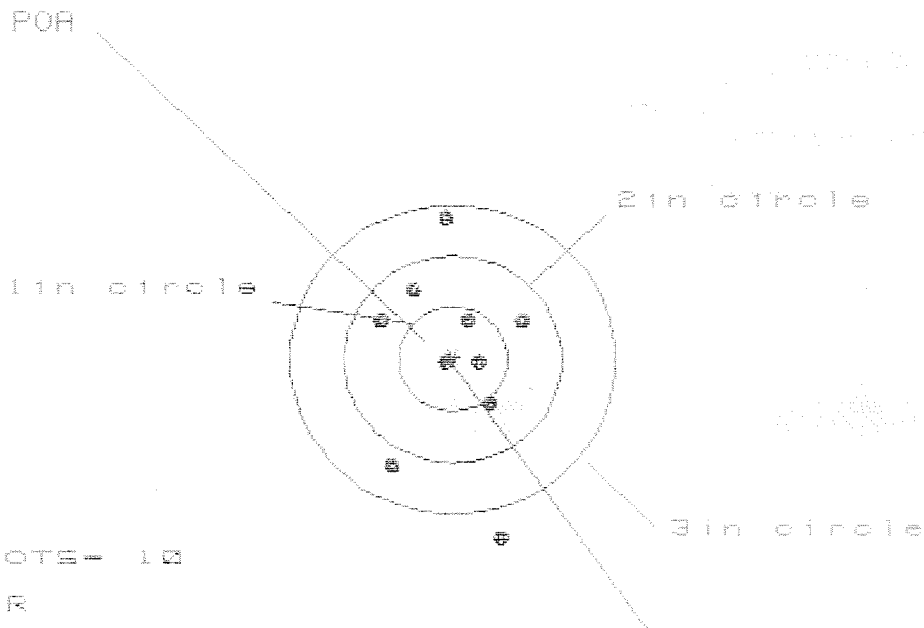
2

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.381	1.399	.743
MINIMUM X	-1.127	-.974	-.799
MAXIMUM Y	1.240	1.196	1.256
MINIMUM Y	-1.836	-1.880	-.920
CENTROID X	.220	.067	-.108
CENTROID Y	.042	.086	.026
POA TO CENTROID in.	.224	.109	.111
MIN RADIUS	.121	.237	.421
MEAN RADIUS	.979	.920	.839
MAX RADIUS	1.438	1.481	1.267
HORIZONTAL SPREAD	2.508	2.373	1.542
VERTICAL SPREAD	2.076	2.076	2.076
EXTREME SPREAD	2.617	2.617	2.155
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

3 May 1991

FILE:/PATTERNING/CENTERFIRE PATT/C6611718

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 1.358

VS= 3.047

GS= 3.084

CENTROID *

PATTERN #

3

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.672	.715	.710
MINIMUM X	-.686	-.643	-.648
MAXIMUM Y	1.364	1.177	.630
MINIMUM Y	-1.683	-1.193	-1.046
CENTROID X	.064	.021	.026
CENTROID Y	.026	.213	.066
POA TO CENTROID in.	.069	.214	.070
MIN RADIUS	.033	.186	.039
MEAN RADIUS	.775	.664	.584
MAX RADIUS	1.728	1.301	1.170
HORIZONTAL SPREAD	1.358	1.358	1.358
VERTICAL SPREAD	3.047	2.370	1.676
EXTREME SPREAD	3.084	2.418	1.868
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

3 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611716

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 1.787

VS= 3.125

GS= 3.135

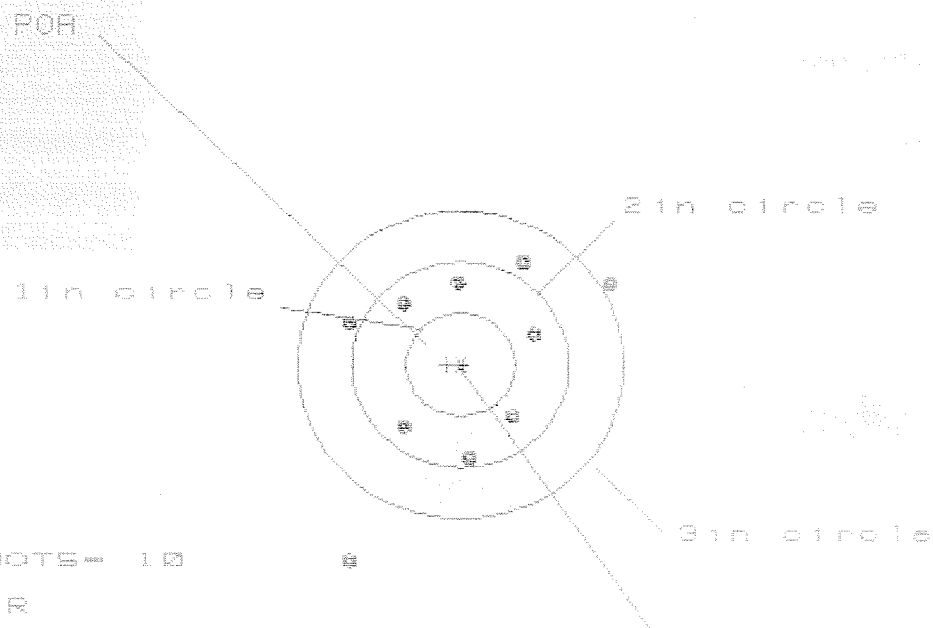
PATTERN #	:	4	5	6
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.762	.785	.619
MINIMUM X	:	-1.025	-1.082	-.904
MAXIMUM Y	:	1.485	1.302	1.446
MINIMUM Y	:	-1.640	-1.480	-1.336
CENTROID X	:	.226	.203	.105
CENTROID Y	:	-.152	.030	-.114
POA TO CENTROID in.	:	.272	.205	.155
MIN RADIUS	:	.256	.257	.356
MEAN RADIUS	:	1.108	1.032	.995
MAX RADIUS	:	1.653	1.569	1.473
HORIZONTAL SPREAD	:	1.787	1.787	1.523
VERTICAL SPREAD	:	3.125	2.782	2.782
EXTREME SPREAD	:	3.135	2.834	2.834
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

3 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611716

CENTERFIRE PATTERNS

5



OF SHOTS= 10

IN CIR

1in = 0

2in = 6

3in = 8

HS= 2.417

VS= 2.908

GS= 3.636

CENTROID #

PATTERN #

5

	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.377	1.261	.674
MINIMUM X	-1.040	-1.130	-.972
MAXIMUM Y	.994	.782	.856
MINIMUM Y	-1.914	-1.088	-1.014
CENTROID X	.125	.241	.083
CENTROID Y	.002	.214	.140
POR TO CENTROID in.	.125	.322	.163
MIN RADIUS	.647	.518	.629
MEAN RADIUS	1.053	.913	.846
MAX RADIUS	2.178	1.393	1.084
HORIZONTAL SPREAD	2.417	2.391	1.646
VERTICAL SPREAD	2.908	1.870	1.870
EXTREME SPREAD	3.636	2.421	1.971
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	