

G664 5295
Replicam
C. 649 8869

Repair Inquiry

Repair Number: RE00130274

Serial: C6498869 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/19/1990

Repairman:

Verify Repair

Status:

New 6/12/2007 2:33:40 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: HERNANDEZ, EZEKIEL

HERNANDEZ, EZEKIEL

Address 1: 10224 N RIVER RIDGE LOOP

10224 N RIVER RIDGE LOOP

Address 2: PO Box:

PO Box:

City: FORT DRUM

FORT DRUM

State: NY

Zip Code: 13602

Country: US

State: NY

Zip Code: 13602

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: 315 772 6930

Fax:

Email:

Comments:

Received Condition

Fair

Condition

Notes:

CSR

Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

6/19/2007

7:44 AM

CAPS

NUM

INS

SCRL

start

Inbox - Micros...

Calendar - Mic...

Calendar - Mic...

Arms Services ...

7:44 AM

C6645295 (New)

~~C6498869~~

Model: M24 SWS



RE00130274

R & E NUMBER <u>130274</u>		<u>66645295 (New)</u>	
SERIAL NUMBER <u>6498869</u>			
LOG-IN DATE <u>6-12-07</u>			
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-13-07	RTZ
505	RE-BARREL	6-15-07	RTZ
560	ASSEMBLE	6-18-07	RTZ
600	PROOF	6-18-07	TRW
605	CHECK HEADSPACE	6-18-07	TRW
610	DIS-ASSEMBLE GUN	6-18-07	RTZ
612	MAGNAFLUX	6-19-07	Wong
510	DRILL AND TAP	6-18-07	SD
615	ROLLMARK CALIBER	6-19-07	CIN
618	ROTO-BLAST	6-19-07	DG
620	APPLY COATINGS	6-21-07	TRW
625	FINAL ASSEMBLY	6-25-07	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	6-25-07 TRW
650	TARGET	(PASS) FAIL	6-25-07 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		6-25-07 Fm
	A) HEADSPACE	(PASS) FAIL	6-26-07 RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.46 2.64 2.64 2.63 2.41 6-26-07 DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.5 5.5 5.5 6-26-07 DA
	G) SAFETY OFF FORCE	2 LBS MIN	2.5 2.5 2.5 6-26-07 DA
	I) FIRING PIN INDENT	.020	1024 1024 1024 6-26-07 DA
690	PACK		6-26-07 DA

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6645295.___0

FILE DATE AND TIME: 06/26/2007 09:51

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.000
The Average Y Centroid of the Five Target Set:	0.135
The Average Point of Impact of the Five Target Set:	0.135
The Average Mean Radius of the Five Target Set:	0.815
The Distance from POA to Centroid Target #1:	0.252
The Distance from Centroid Target #2 to Centroid Target #1:	0.309
The Distance from Centroid Target #3 to Centroid Target #1:	0.550
The Distance from Centroid Target #4 to Centroid Target #1:	0.190
The Distance from Centroid Target #5 to Centroid Target #1:	0.310

BARBER - M24 0170948

SERIAL NUMBER: G6645295. __0

TARGET NUMBER: 1

FILE DATE: 06/26/2007

FILE TIME: 09:51

POINT#	X	Y
1:	0.232	1.338
2:	0.978	1.146
3:	1.332	0.085
4:	1.310	-0.515
5:	0.379	-0.353
6:	0.141	0.172
7:	-0.194	-0.133
8:	-0.615	-0.064
9:	-0.721	0.253
10:	-1.065	-0.137

X CENTROID: 0.178

Y CENTROID: 0.179

POA TO CENTROID: 0.252

HORZ SPREAD: 2.397

VERT SPREAD: 1.853

GROUP SPREAD: 2.405

MIN RADIUS: 0.037

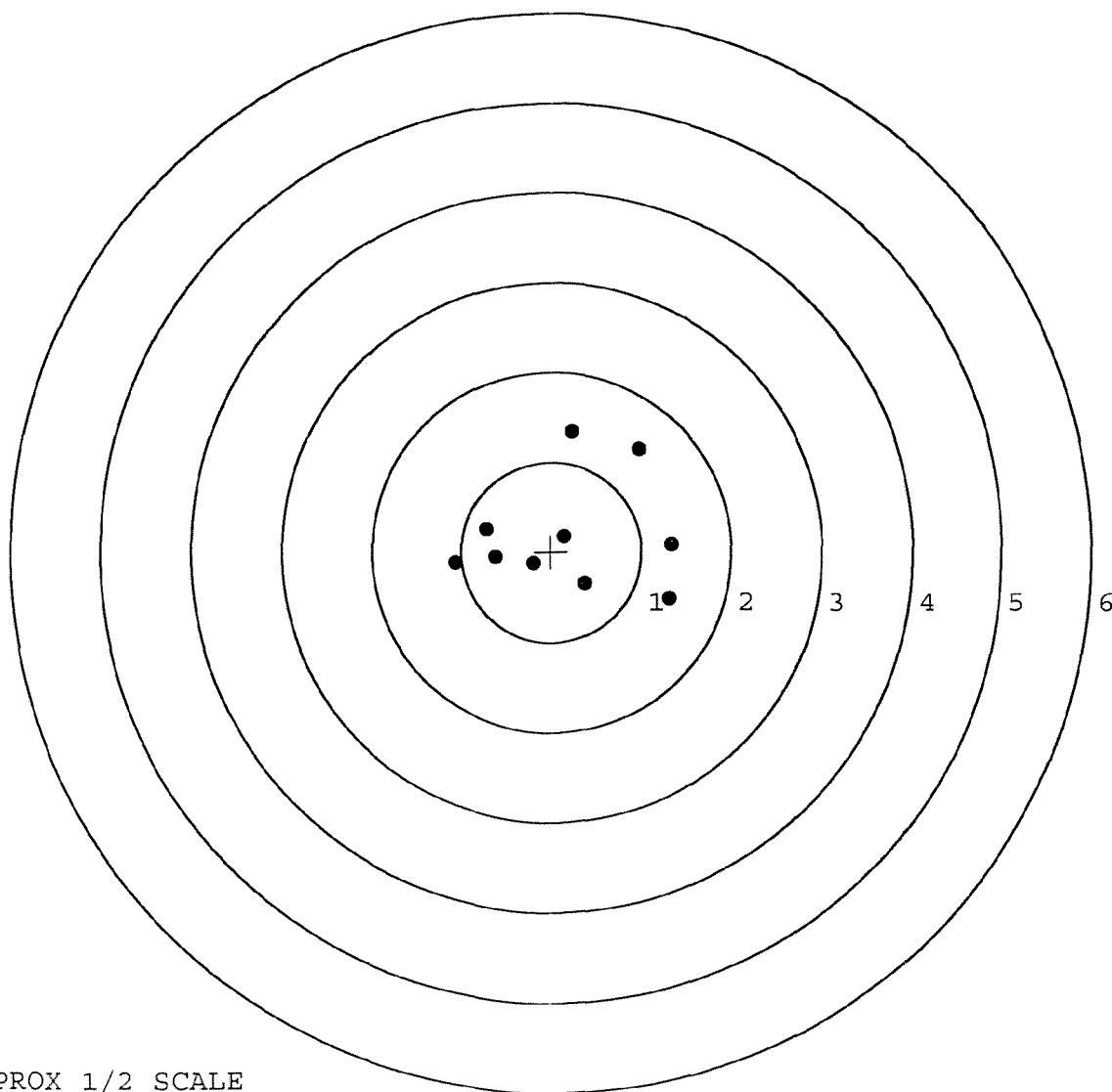
MAX RADIUS: 1.328

MEAN RADIUS: 0.901

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0170949

SERIAL NUMBER: G6645295. 0

TARGET NUMBER: 2

FILE DATE: 06/26/2007

FILE TIME: 09:51

POINT#	X	Y
1:	-0.670	-0.374
2:	-0.269	-0.476
3:	-0.427	-0.166
4:	-0.034	-0.122
5:	0.257	-0.599
6:	0.869	0.923
7:	0.569	1.275
8:	0.405	1.447
9:	0.488	1.635
10:	0.748	1.334

X CENTROID: 0.194

Y CENTROID: 0.488

POA TO CENTROID: 0.525

HORZ SPREAD: 1.539

VERT SPREAD: 2.234

GROUP SPREAD: 2.319

MIN RADIUS: 0.651

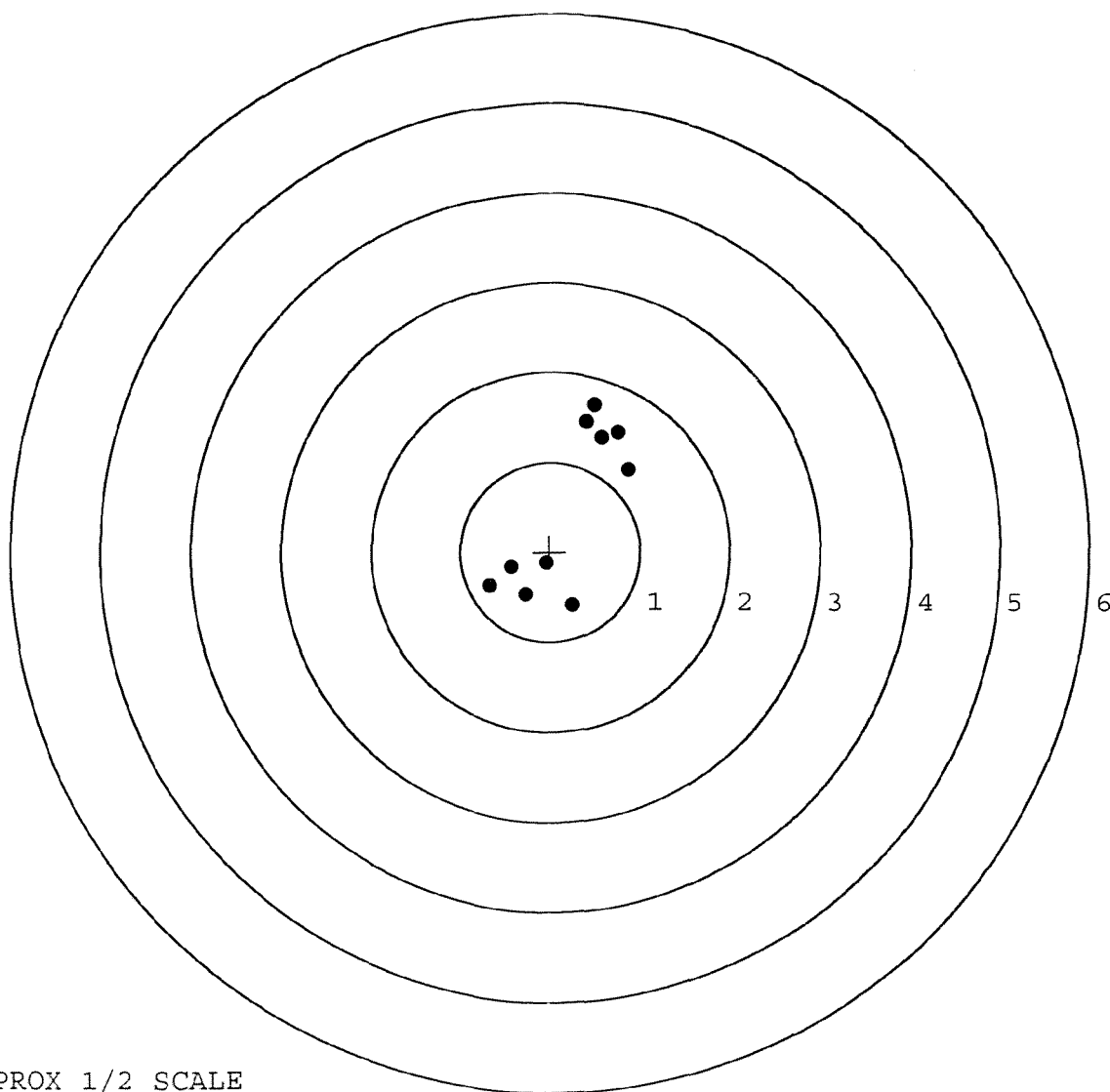
MAX RADIUS: 1.220

MEAN RADIUS: 0.978

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0170950

SERIAL NUMBER: G6645295. __0

TARGET NUMBER: 3

FILE DATE: 06/26/2007

FILE TIME: 09:51

POINT#	X	Y
1:	-0.390	-0.418
2:	-0.312	-0.208
3:	0.380	0.408
4:	0.535	0.560
5:	0.104	0.739
6:	-0.535	0.918
7:	-0.436	1.408
8:	-0.205	-1.313
9:	-0.770	-1.626
10:	-1.255	-1.602

X CENTROID: -0.288

Y CENTROID: -0.113

POA TO CENTROID: 0.310

HORZ SPREAD: 1.790

VERT SPREAD: 3.034

GROUP SPREAD: 3.119

MIN RADIUS: 0.097

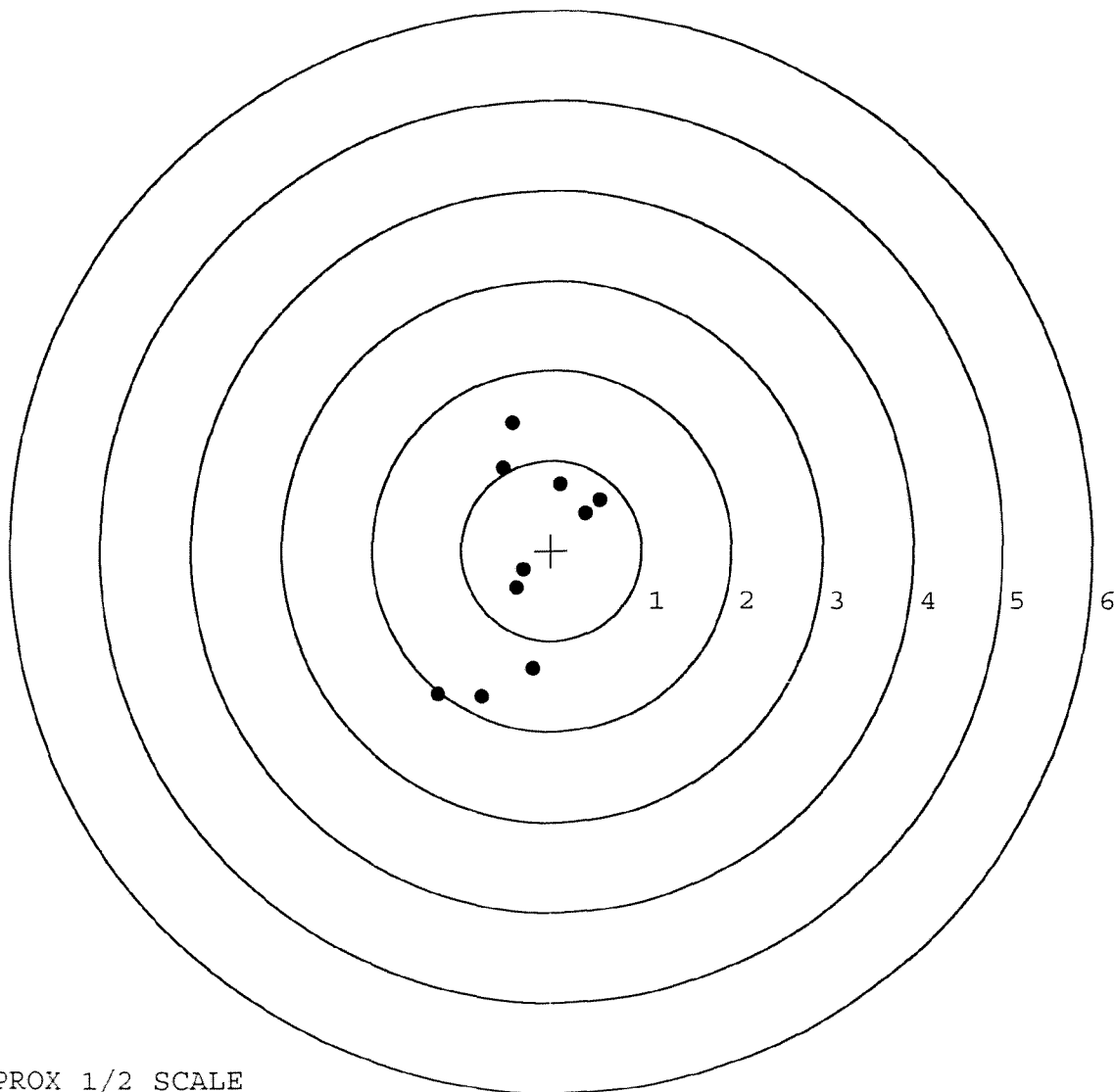
MAX RADIUS: 1.775

MEAN RADIUS: 1.042

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 7



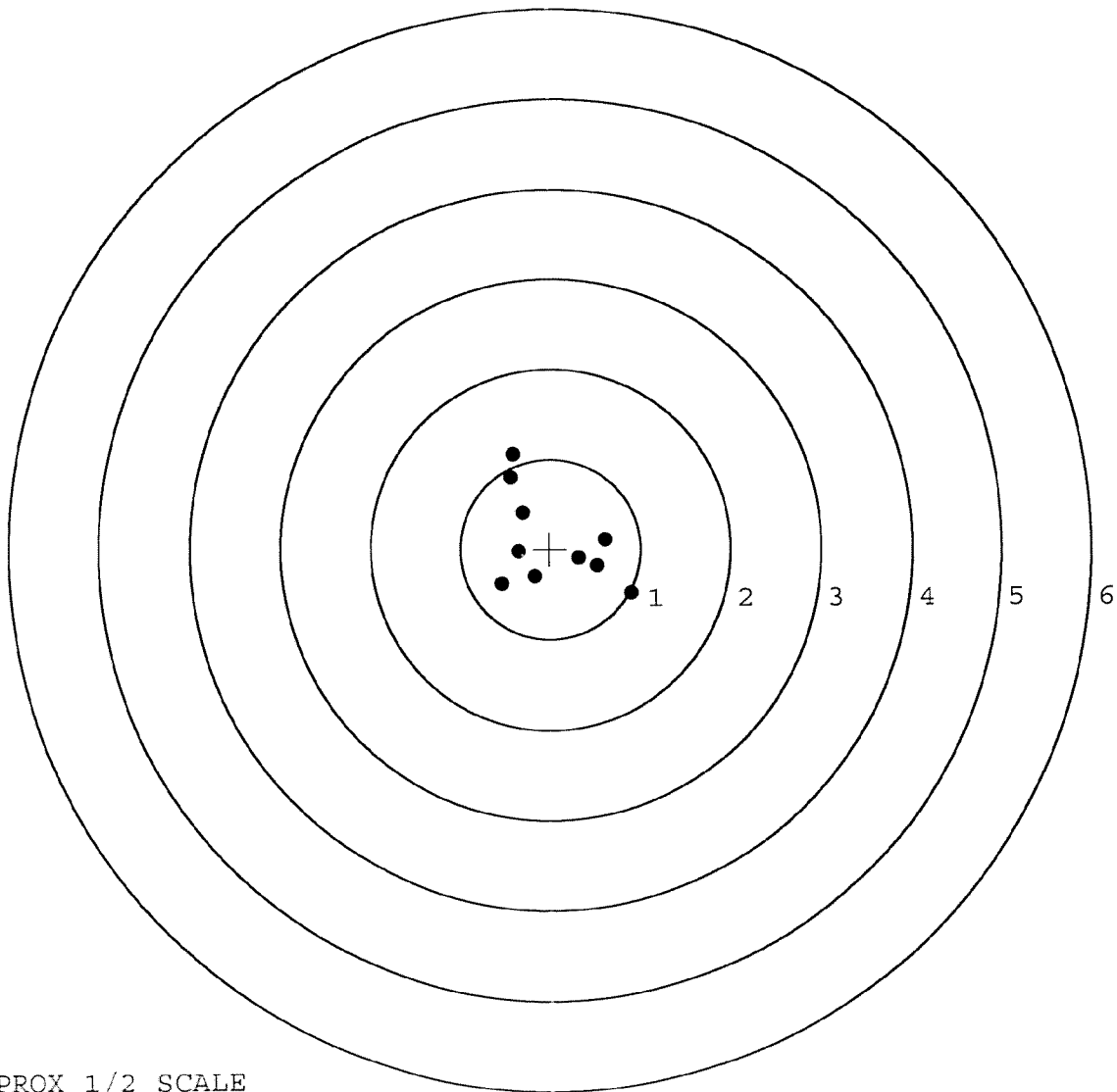
TARGET APPROX 1/2 SCALE

BARBER - M24 0170951

SERIAL NUMBER: G6645295. __0
 TARGET NUMBER: 4
 FILE DATE: 06/26/2007
 FILE TIME: 09:51

POINT#	X	Y
1:	0.899	-0.496
2:	0.607	0.103
3:	0.522	-0.189
4:	0.314	-0.101
5:	-0.168	-0.310
6:	-0.535	-0.388
7:	-0.353	-0.031
8:	-0.304	0.403
9:	-0.436	0.795
10:	-0.409	1.055

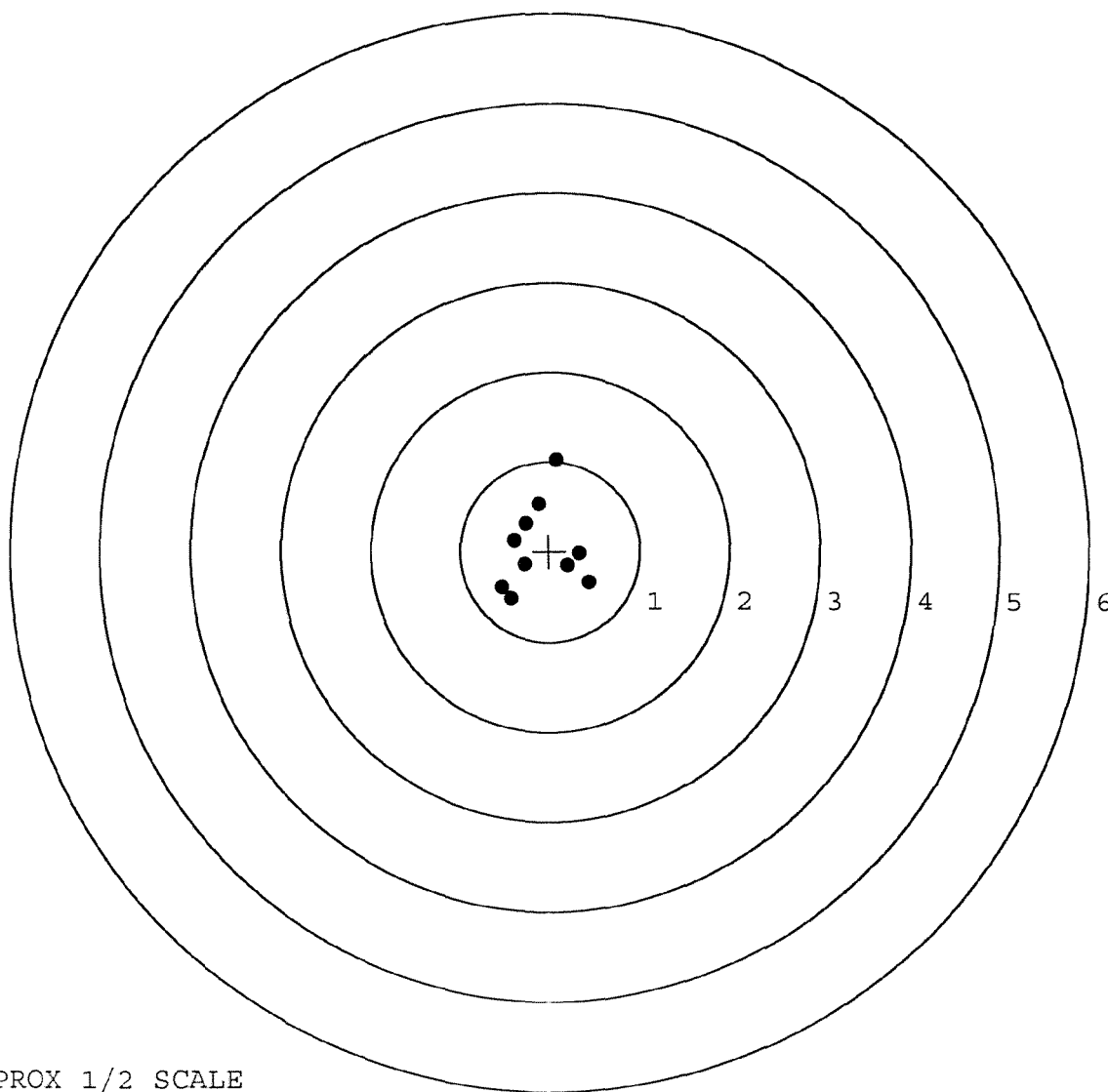
X CENTROID: 0.014
 Y CENTROID: 0.084
 POA TO CENTROID: 0.085
 HORZ SPREAD: 1.434
 VERT SPREAD: 1.551
 GROUP SPREAD: 2.029
 MIN RADIUS: 0.353
 MAX RADIUS: 1.059
 MEAN RADIUS: 0.647
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0170952

SERIAL NUMBER: G6645295. __0	POINT#	X	Y
TARGET NUMBER: 5	1:	-0.432	-0.527
FILE DATE: 06/26/2007	2:	0.436	-0.344
FILE TIME: 09:51	3:	0.204	-0.158
	4:	-0.274	-0.144
X CENTROID: -0.097	5:	-0.394	0.119
Y CENTROID: 0.037	6:	0.079	1.016
POA TO CENTROID: 0.104	7:	-0.126	0.523
HORZ SPREAD: 0.963	8:	-0.267	0.310
VERT SPREAD: 1.543	9:	-0.527	-0.404
GROUP SPREAD: 1.625	10:	0.331	-0.025
MIN RADIUS: 0.253			
MAX RADIUS: 0.995			
MEAN RADIUS: 0.508			
# IN 1 IN DIAMETER: 6			
# IN 2 IN DIAMETER: 10			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

naglelj	3/6/2003	12:38 PM	CAPS	NUM	INS	SCPL

Serial Number: C6498869
Model: 700

RE00062689

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498869.___0
FILE DATE AND TIME: 03/22/2003 10:53

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.103
The Average Y Centroid of the Five Target Set:	0.014
The Average Point of Impact of the Five Target Set:	0.104
The Average Mean Radius of the Five Target Set:	0.850
The Distance from POA to Centroid Target #1:	0.217
The Distance from Centroid Target #2 to Centroid Target #1:	0.232
The Distance from Centroid Target #3 to Centroid Target #1:	0.238
The Distance from Centroid Target #4 to Centroid Target #1:	0.212
The Distance from Centroid Target #5 to Centroid Target #1:	0.239

BARBER - M24 0170955

SERIAL NUMBER: C6498869. 0

TARGET NUMBER: 1

FILE DATE: 03/22/2003

FILE TIME: 10:53

POINT#	X	Y
1:	0.307	-2.456
2:	-0.168	-1.334
3:	0.075	-0.869
4:	0.234	-0.797
5:	-0.259	-0.568
6:	-0.033	-0.219
7:	-0.084	0.724
8:	0.425	0.989
9:	-0.960	0.920
10:	-0.948	1.961

X CENTROID: -0.141

Y CENTROID: -0.165

POA TO CENTROID: 0.217

HORZ SPREAD: 1.385

VERT SPREAD: 4.417

GROUP SPREAD: 4.592

MIN RADIUS: 0.121

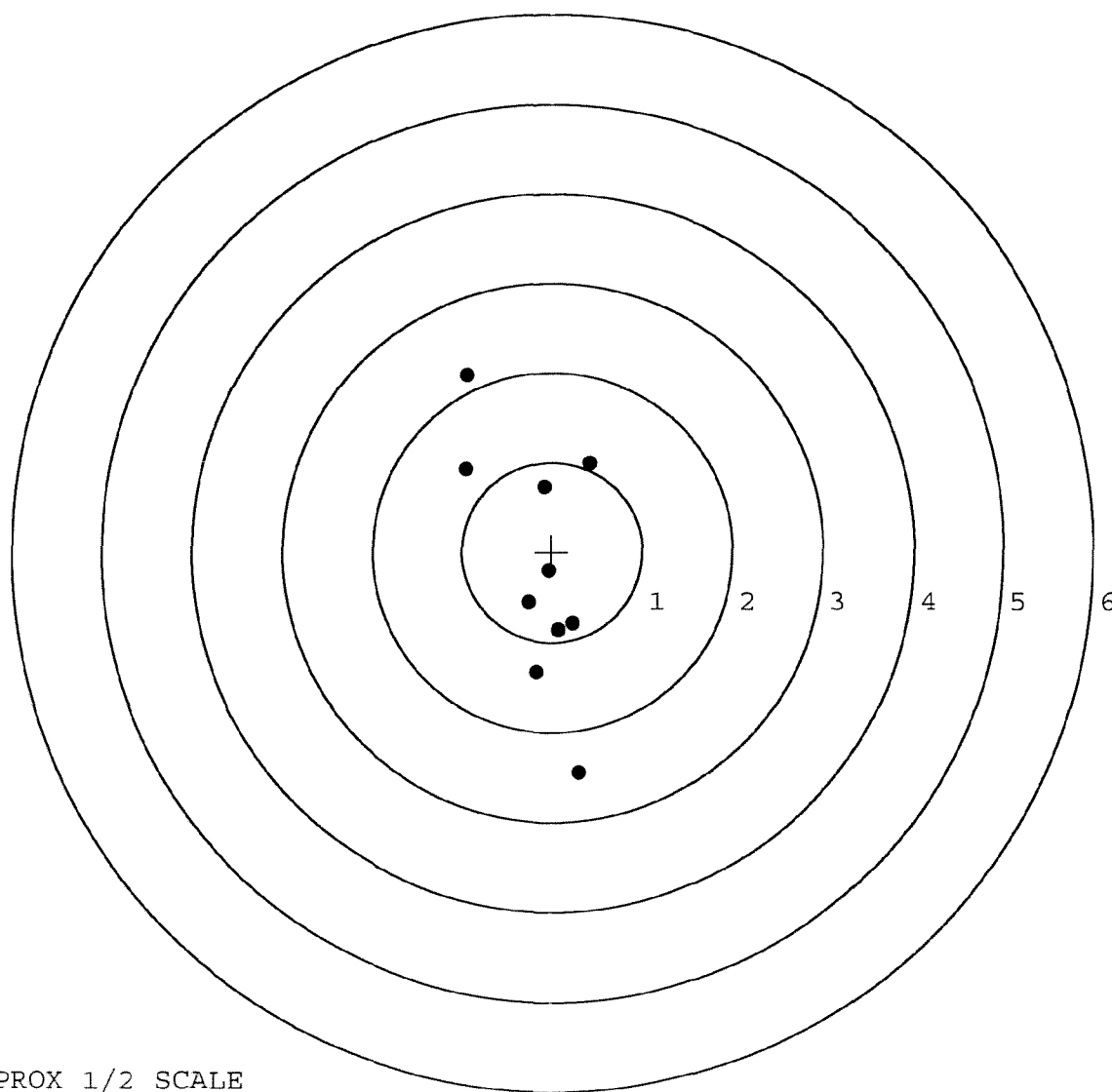
MAX RADIUS: 2.335

MEAN RADIUS: 1.133

IN 1 IN DIAMETER: 2

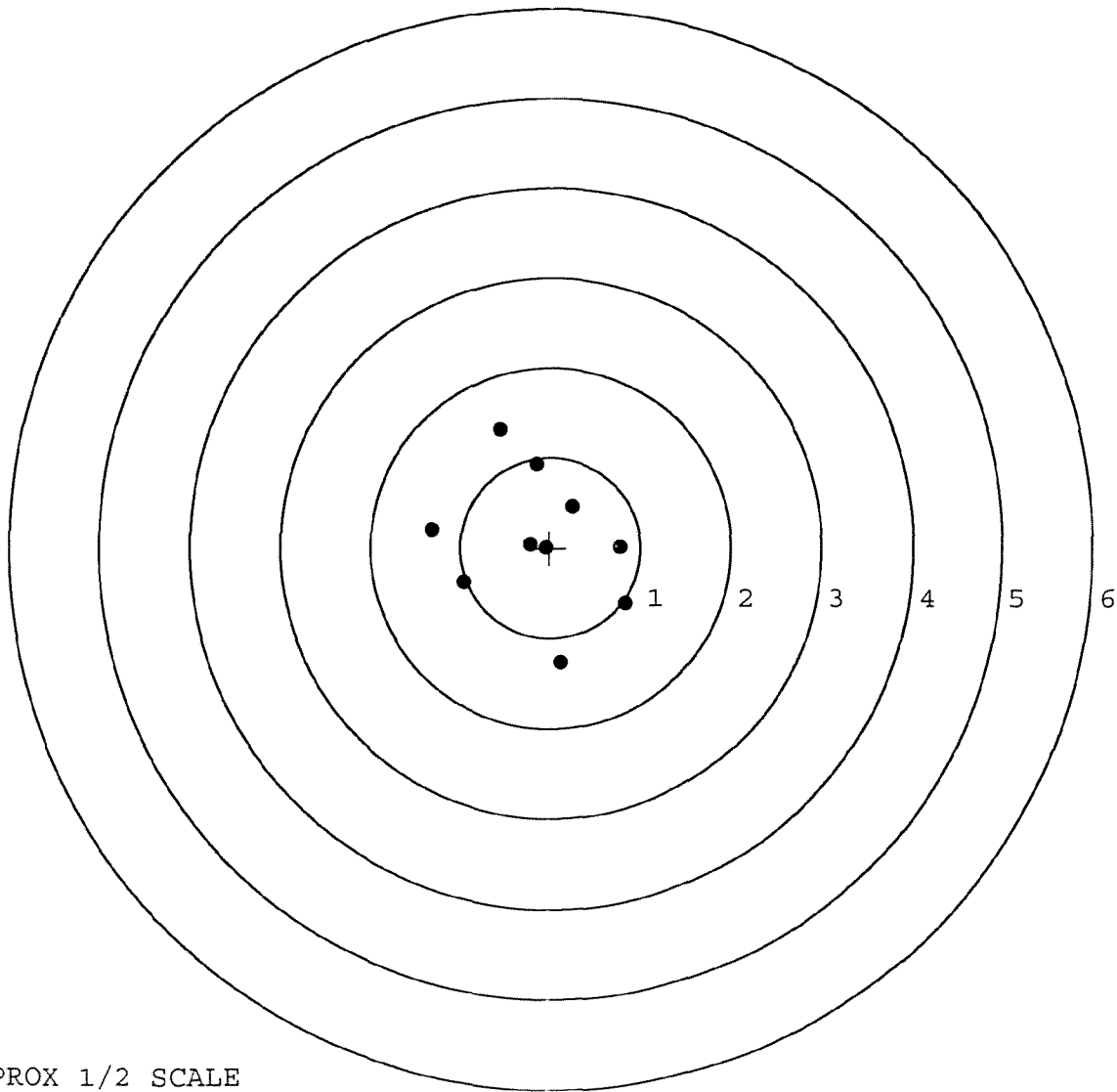
IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8



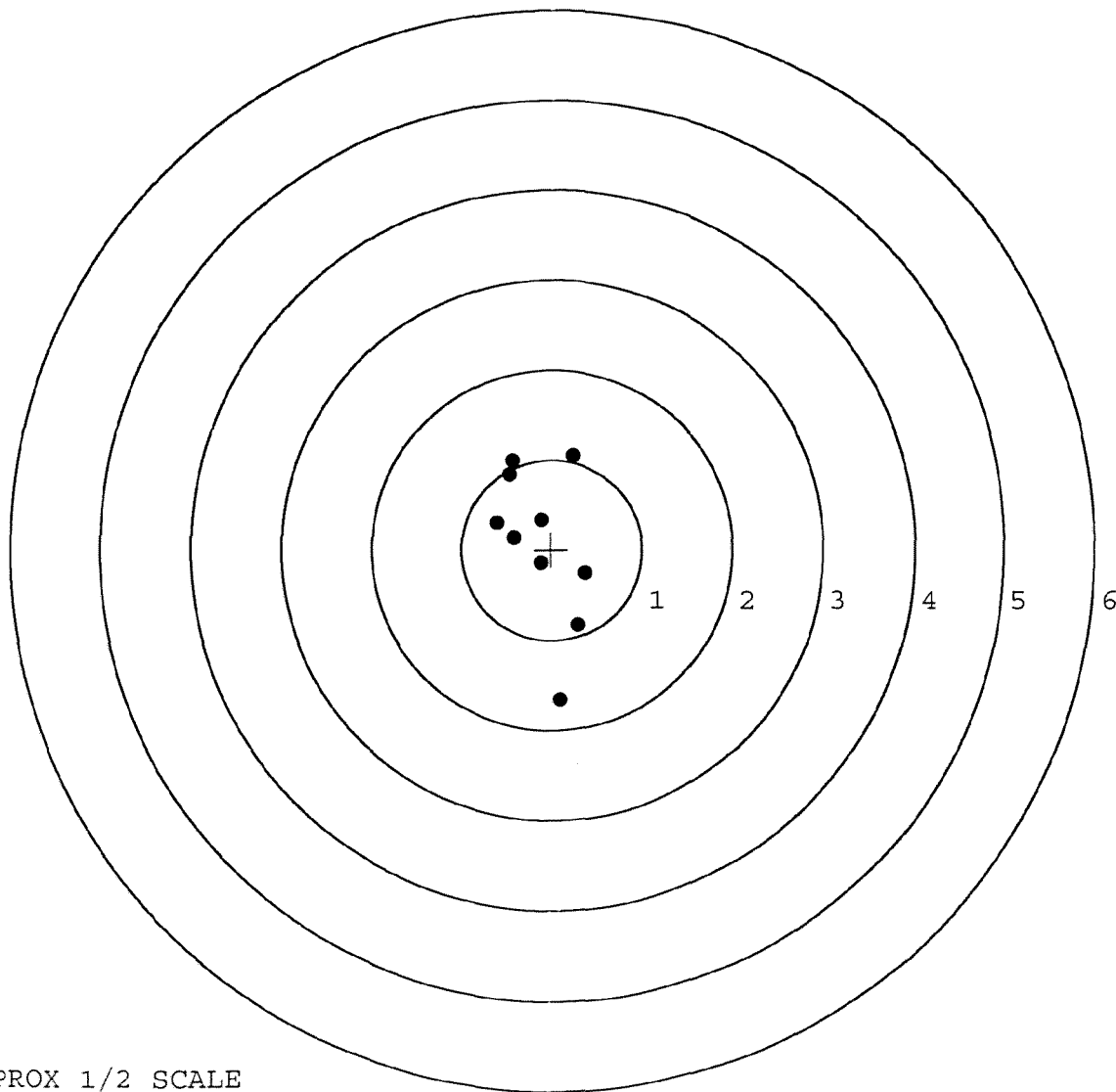
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498869. __0	POINT#	X	Y
TARGET NUMBER: 2	1:	0.132	-1.275
FILE DATE: 03/22/2003	2:	0.840	-0.614
FILE TIME: 10:53	3:	0.775	0.015
	4:	-0.043	0.005
X CENTROID: -0.125	5:	-0.215	0.040
Y CENTROID: 0.067	6:	-0.954	-0.391
POA TO CENTROID: 0.142	7:	-1.320	0.196
HORZ SPREAD: 2.160	8:	0.249	0.456
VERT SPREAD: 2.588	9:	-0.153	0.924
GROUP SPREAD: 2.679	10:	-0.559	1.313
MIN RADIUS: 0.094			
MAX RADIUS: 1.366			
MEAN RADIUS: 0.851			
# IN 1 IN DIAMETER: 2			
# IN 2 IN DIAMETER: 6			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

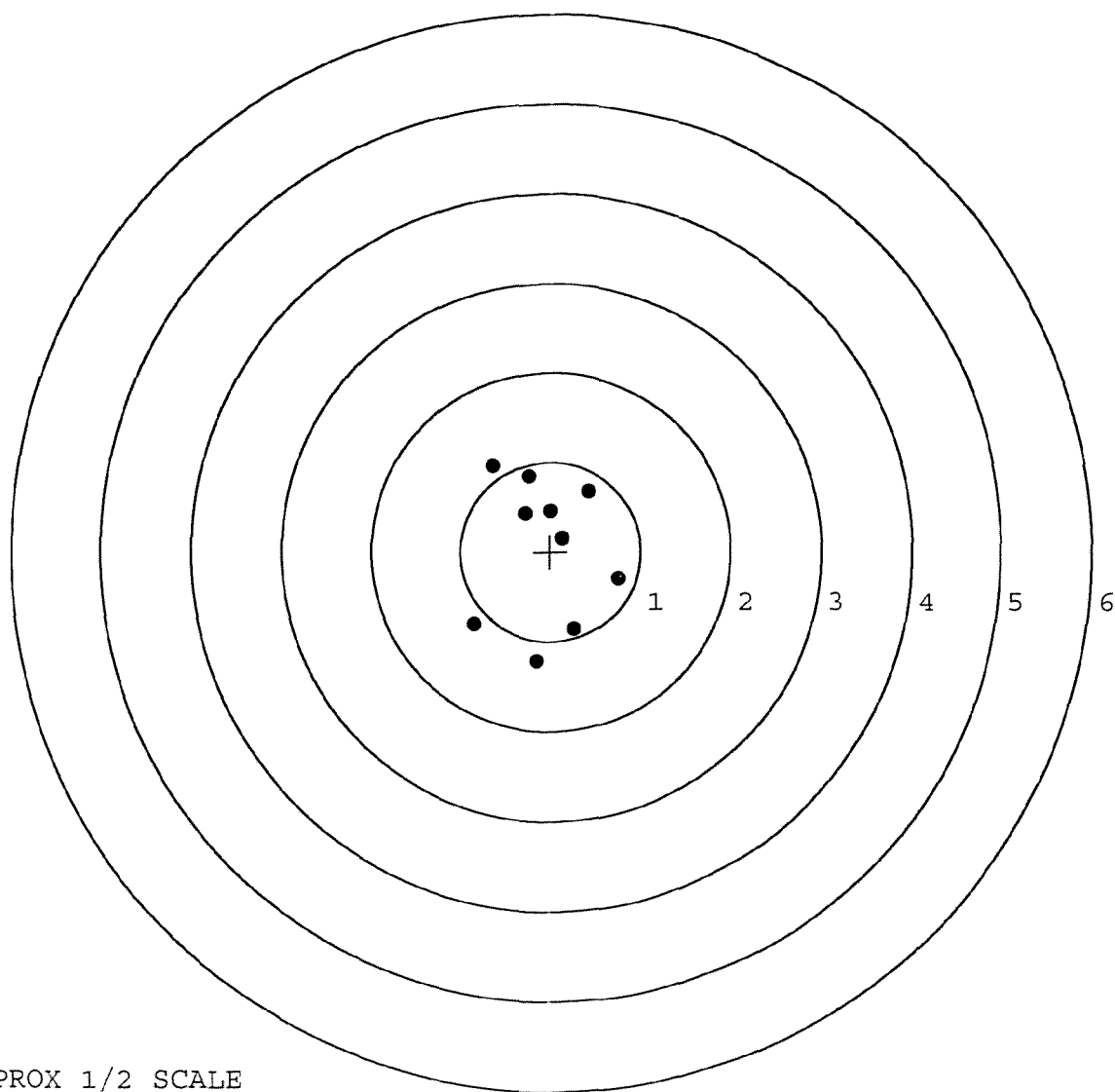
SERIAL NUMBER: C6498869. __0	POINT#	X	Y
TARGET NUMBER: 3	1:	0.113	-1.671
FILE DATE: 03/22/2003	2:	0.295	-0.835
FILE TIME: 10:53	3:	0.374	-0.255
	4:	-0.119	-0.148
X CENTROID: -0.115	5:	-0.118	0.333
Y CENTROID: 0.072	6:	-0.612	0.300
POA TO CENTROID: 0.136	7:	-0.425	0.130
HORZ SPREAD: 0.986	8:	-0.468	0.835
VERT SPREAD: 2.712	9:	-0.435	0.990
GROUP SPREAD: 2.717	10:	0.241	1.041
MIN RADIUS: 0.220			
MAX RADIUS: 1.758			
MEAN RADIUS: 0.753			
# IN 1 IN DIAMETER: 3			
# IN 2 IN DIAMETER: 8			
# in 3 IN DIAMETER: 9			



TARGET APPROX 1/2 SCALE

BARBER - M24 0170958

SERIAL NUMBER: C6498869. __0	POINT#	X	Y
TARGET NUMBER: 4	1:	0.758	-0.295
FILE DATE: 03/22/2003	2:	0.267	-0.867
FILE TIME: 10:53	3:	-0.147	-1.224
	4:	-0.845	-0.817
X CENTROID: -0.059	5:	0.127	0.152
Y CENTROID: 0.031	6:	0.424	0.673
POA TO CENTROID: 0.067	7:	-0.245	0.842
HORZ SPREAD: 1.603	8:	-0.642	0.959
VERT SPREAD: 2.183	9:	-0.004	0.455
GROUP SPREAD: 2.238	10:	-0.283	0.429
MIN RADIUS: 0.222			
MAX RADIUS: 1.258			
MEAN RADIUS: 0.809			
# IN 1 IN DIAMETER: 3			
# IN 2 IN DIAMETER: 7			
# in 3 IN DIAMETER: 10			



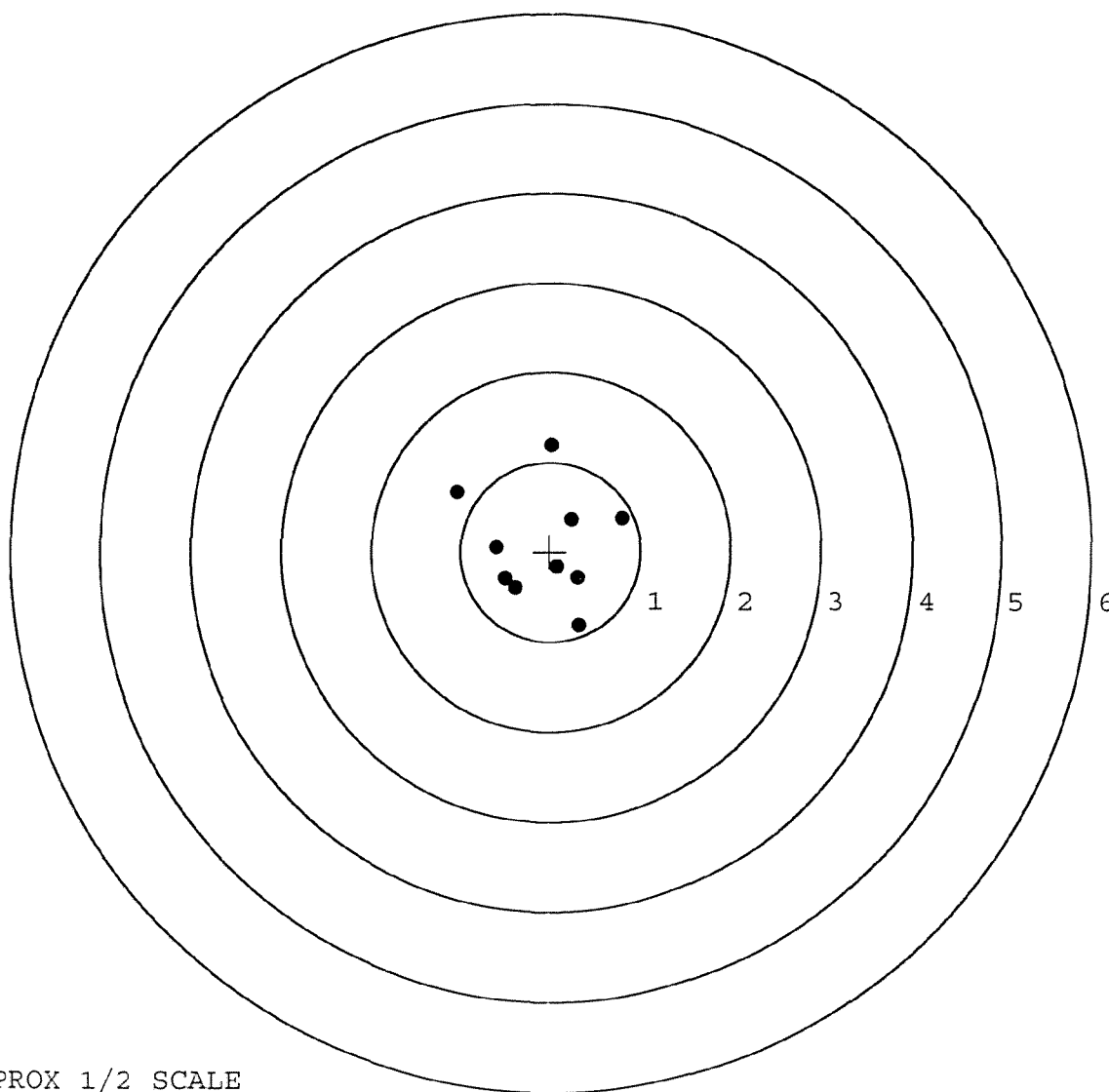
TARGET APPROX 1/2 SCALE

BARBER - M24 0170959

SERIAL NUMBER: C6498869. __0
 TARGET NUMBER: 5
 FILE DATE: 03/22/2003
 FILE TIME: 10:53

POINT#	X	Y
1:	0.324	-0.823
2:	-0.385	-0.407
3:	-0.494	-0.304
4:	-0.596	0.050
5:	-1.043	0.666
6:	0.309	-0.292
7:	0.080	-0.173
8:	0.236	0.360
9:	0.787	0.379
10:	0.019	1.193

X CENTROID: -0.076
 Y CENTROID: 0.065
 POA TO CENTROID: 0.100
 HORZ SPREAD: 1.830
 VERT SPREAD: 2.016
 GROUP SPREAD: 2.021
 MIN RADIUS: 0.285
 MAX RADIUS: 1.138
 MEAN RADIUS: 0.704
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.60		2.51	MIN. SETTING
PULL #2	2.59	2.50		2.48	NO AVG. OF 5
PULL #3	2.62	2.57		2.41	READINGS ACCEPT-
PULL #4	2.69	2.56		2.38	ABLE LESS THAN 2
PULL #5	2.58	2.55		2.31	
TOTAL	12.98	12.78		12.09	
AVG.	2.59	2.55		2.41	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.29		
PULL #2	3.27	3.38		
PULL #3	3.35	3.13		
PULL #4	3.31	3.26		
PULL #5	3.37	3.27		
TOTAL	16.59	16.33		
AVG.	3.31	3.26		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCUR.
PULL #1	4.18	4.07		4.06
PULL #2	4.15	4.04		3.99
PULL #3	4.28	4.07		4.08
PULL #4	4.06	4.10		3.98
PULL #5	4.24	4.06		4.00
TOTAL	20.91	20.34		20.11
AVG.	4.18	4.06		4.02

R & E NUMBER	602689		
SERIAL NUMBER	C6498869		
LOG-IN DATE	3-6-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-8-03	RTL
560 A	RE-BARREL	3-11-03	RTL
B	DRILL AND TAP	3-12-03	TRW
575	ASSEMBLE	3-11-03	RTL
600	PROOF	3-11-03	AC
605	CHECK HEADSPACE	3-11-03	AC
610	DIS-ASSEMBLE GUN	3-11-03	RTL
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	3-11-03	RTL
618	ROTO-BLAST	3-14-03	DG
620	APPLY COATINGS	3-18	TA
625 A	FINAL ASSEMBLY	3-20-03	RTL
B	TRIGGER PULL TEST	3-21-03	TRW
C	SAFETY "ON" FORCE	4 lbs 3-21-03	AC
D	SAFETY "OFF" FORCE	7 lbs 3-21-03	AC
E	FIRING PIN INDENT	.021 3-21-03	AC
640	TARGET	3-21-03	AC
655	FINAL INSPECT	3-22-03	RTL
660	PACK	3-22-03	RTL
		SHIP DATE	
		QAR INSPECTION DATE	

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

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

MODEL 700™ M24

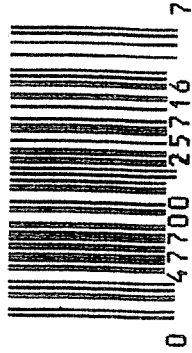
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

SERIAL NO.
C6498869

ORDER NO.
5716

01

UPC



5716 C6498869

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498869

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	5 17 90	RW
600	Proof		5 17 90	RW
607	Check Headspace		5 17 90	RW
610	Dis-assemble Gun		5 17 90	RW
612	Magnaflux Barrel Action		5/22/90	KCR
	Magnaflux Bolt		5/22/90	KCR
615	Rollmark Caliber		5/22/90	GS
617	Drill and Tap Sight Holes		5/23/90	FB
618	Polish Barrel RB		5/24/90	WB
620	Apply Coatings (Barrel Action)		6-4-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		6/4/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6/4/90	RW
	C) Inspect Ejector Hole for Chamfer		6/4/90	RW
	D) Oil Firing Pin Ass'y		6/4/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6/9/90	gll

BARBER - M24 0170964

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3 1/2	3 1/2	3 1/2			6/11/90	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			6/11/90	WB
	H) Trigger Pull Test & Retainability						6/9/90	JH
	I) Firing Pin Indent	.023	.023	.023			6/11/90	WB
	J) Assemble Stock						6/11/90	RW
	K) Assemble Swivel Studs						6/13/90	JH
	L) Attach Front and Rear Sight Assemblies						6/11/90	RW
	M) Iron Sight Alignment						6/11/90	RW
	N) Detach Front & Rear Sights & place in numbered container						6/11/90	RW
	O) Attach Scope to Rifle						6/11/90	WB
	P) Detach & Attach Scope 20 Times						6/11/90	WB
640	Gallery Target & Test						6-11-90	AC
	A) Time						6-11-90	AC
	B) Malfunctions						6-11-90	AC
	C) Pierced Primers						6-11-90	AC
	D) Optical Clarity of Scope						6-11-90	AC
645	Inspect for Live Ammo						6-11-90	AC
655	Final Inspection							
	A) Headspace						6-13-90	JH
	B) Trigger Pull	2.36	2.45	2.47	2.49	2.45	6-13-90	GS
	C) Function						6-13-90	JH
660	Pack						6-19-90	D/H

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6498869

DATE 6/9/90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.47	2.40	2.36	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.77	2.38	2.43	2.45	
PULL #3	2.45	2.44	2.38	2.47	
PULL #4	2.46	2.38	2.40	2.49	
PULL #5	2.44	2.43	2.42	2.48	
TOTAL	12.23	12.10	12.03		
AVG.	2.446	2.42	2.406		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.50	3.28		
PULL #2	3.17	3.27		
PULL #3	3.44	3.36		
PULL #4	3.34	3.28		
PULL #5	3.40	3.26		
TOTAL	16.85	16.45		
AVG.	3.37	3.29		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.42	4.28		4.27
PULL #2	4.45	4.15		4.29
PULL #3	4.26	4.43		4.40
PULL #4	4.32	4.13		4.26
PULL #5	4.11	4.26		4.40
TOTAL	21.56	21.25		21.62
AVG.	4.312	4.25		4.324

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498869
12 Jun 1990

CENTROIDAL DISTANCES

Ø TO	1	.753286
1 TO	2	.383303
1 TO	3	.887899
1 TO	4	.696161
1 TO	5	.647596

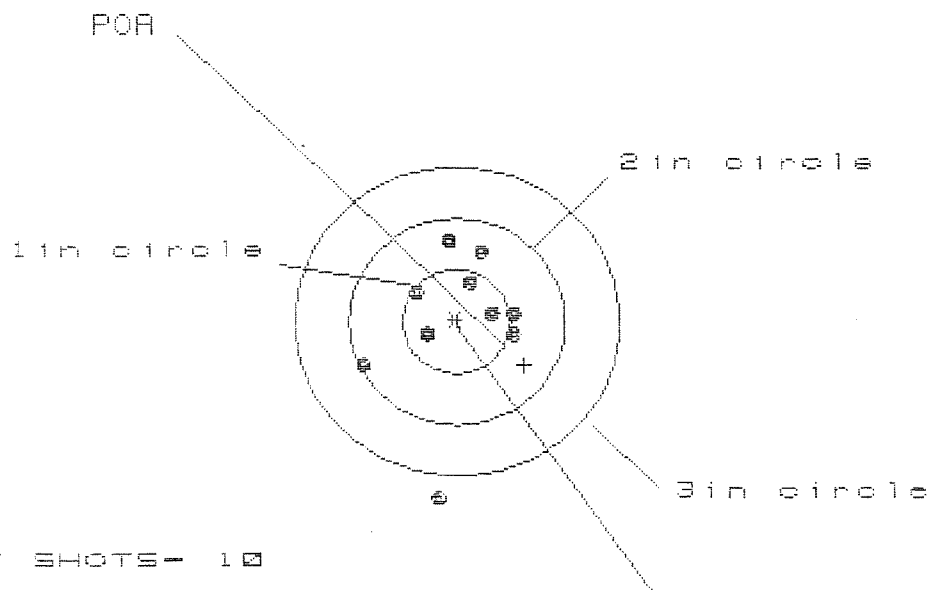
1 5
2 4
3 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2808
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .072
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .289884
THE AMR FOR THIS RIFLE IS: .8224

11 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C649B863

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIRC

1in = 4

2in = 8

3in = 8

HS = 1.449

VS = 0.490

CS = 0.490

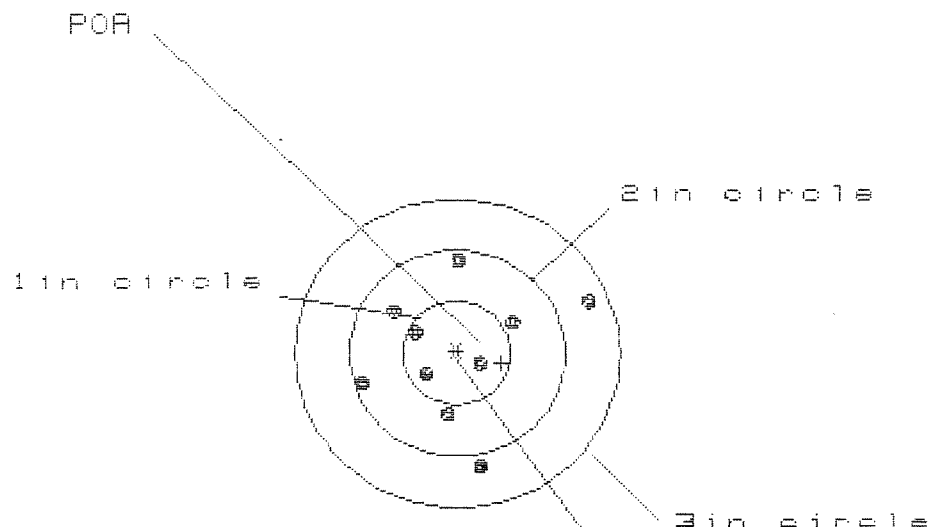
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.545	.523	.407
MINIMUM X	-.904	-.926	-.473
MAXIMUM Y	.816	.630	.554
MINIMUM Y	-1.674	-.602	-.392
CENTROID X	-.628	-.606	-.490
CENTROID Y	.416	.602	.678
POA TO CENTROID in.	.754	.854	.836
MIN RADIUS	.290	.250	.144
MEAN RADIUS	.680	.529	.431
MAX RADIUS	1.687	1.105	.596
HORIZONTAL SPREAD	1.449	1.449	.880
VERTICAL SPREAD	2.490	1.232	.946
EXTREME SPREAD	2.493	1.583	1.134
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	9		
NUMBER IN THREE INCH CIRCLE =	9		

11 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C649B869

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 10

IS = 0.167

VS = 1.981

GS = 2.312

CENTROID #

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.261	.633	.681
MINIMUM X	-.906	-.766	-.718
MAXIMUM Y	.907	.960	.831
MINIMUM Y	-1.084	-1.031	-.627
CENTROID X	-.417	-.557	-.605
CENTROID Y	.096	.043	.172
POR TO CENTROID in.	.428	.559	.629
MIN RADIUS	.274	.243	.240
MEAN RADIUS	.726	.638	.572
MAX RADIUS	1.347	1.100	.851
HORIZONTAL SPREAD	2.167	1.399	1.399
VERTICAL SPREAD	1.991	1.991	1.458
EXTREME SPREAD	2.312	2.006	1.542
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

11 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06498869

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 3

2in = 7

3in = 9

H0 = 2.648

V0 = 2.134

G0 = 3.346

CENTROID *

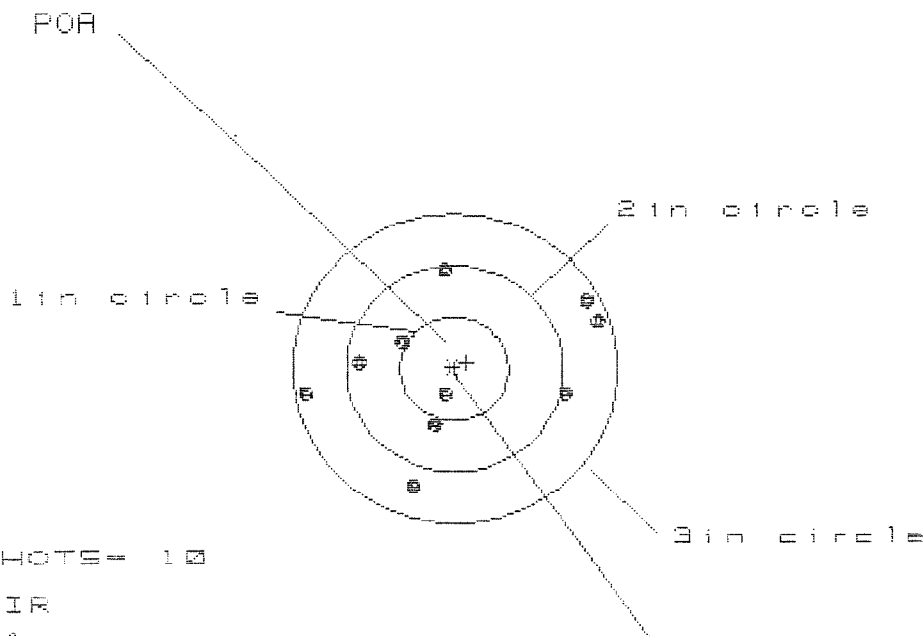
PATTERN #	:	3
SHOTS (BEST OF)	:	10
MAXIMUM X	:	1.470
MINIMUM X	:	-1.178
MAXIMUM Y	:	.922
MINIMUM Y	:	-1.212
CENTROID X	:	-.247
CENTROID Y	:	-.386
POA TO CENTROID in.	:	.458
MIN RADIUS	:	.385
MEAN RADIUS	:	.863
MAX RADIUS	:	1.905
HORIZONTAL SPREAD	:	2.648
VERTICAL SPREAD	:	2.134
EXTREME SPREAD	:	3.346
NUMBER IN ONE INCH CIRCLE	=	3
NUMBER IN TWO INCH CIRCLE	=	7
NUMBER IN THREE INCH CIRCLE	=	9

11 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06498869

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS= 2.682

VS= 2.155

GS= 2.773

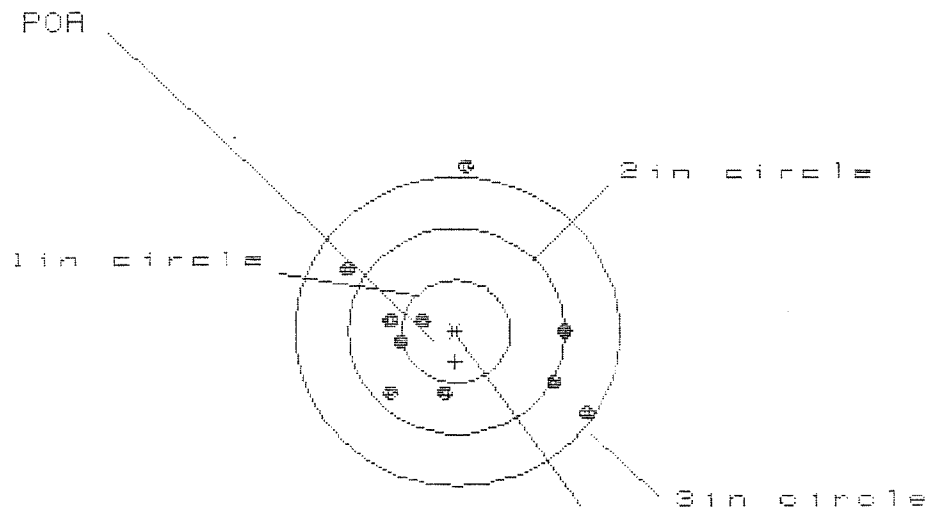
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.341	1.337	1.188
MINIMUM X	:	-1.341	-1.192	-0.888
MAXIMUM Y	:	.987	1.035	1.007
MINIMUM Y	:	-1.168	-1.120	-1.148
CENTROID X	:	-.120	-.269	-.120
CENTROID Y	:	-.060	-.108	-.080
POA TO CENTROID in.	:	.134	.290	.144
MIN RADIUS	:	.263	.201	.244
MEAN RADIUS	:	.962	.881	.853
MAX RADIUS	:	1.409	1.516	1.372
HORIZONTAL SPREAD	:	2.682	2.529	2.076
VERTICAL SPREAD	:	2.155	2.155	2.155
EXTREME SPREAD	:	2.773	2.697	2.429
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

11 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6498869

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS = 0.000

VS = 2.393

CS = 2.622

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.202	1.216	1.113
MINIMUM X	-1.000	-.986	-.834
MAXIMUM Y	1.645	.793	.723
MINIMUM Y	-.748	-.565	-.528
CENTROID X	.008	-.007	-.159
CENTROID Y	.294	.111	.181
FOR TO CENTROID in.	.294	.111	.241
MIN RADIUS	.342	.432	.281
MEAN RADIUS	.917	.815	.705
MAX RADIUS	1.650	1.341	1.132
HORIZONTAL SPREAD	2.202	2.202	1.947
VERTICAL SPREAD	2.393	1.358	1.251
EXTREME SPREAD	2.622	2.587	2.194
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

BARBER - M24 0170972

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6498869
3 Mar 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0642
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0722
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0966151

THE AMR FOR THIS RIFLE IS: 1.03

CENTROIDAL DISTANCES

0 TO	1	.512867
1 TO	2	.683212
1 TO	3	.706983
1 TO	4	.424096
1 TO	5	.800376

3
2 1
+ 4 <----POA
5

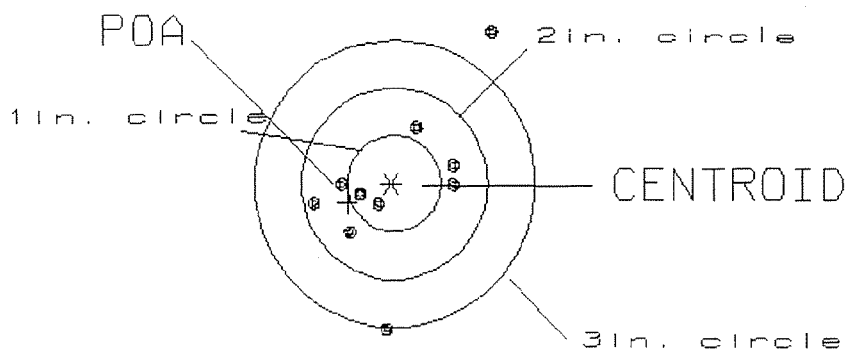
PATTERN #: 1

POA TO CENTROID: .513
 MIN RADIUS : .293
 MEAN RADIUS : .817
 MAX RADIUS : 1.899
 CENTROID X : .467
 CENTROID Y : .212

3 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6498869

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 1.88

2

US= 3.07

8

GS= 3.25

9

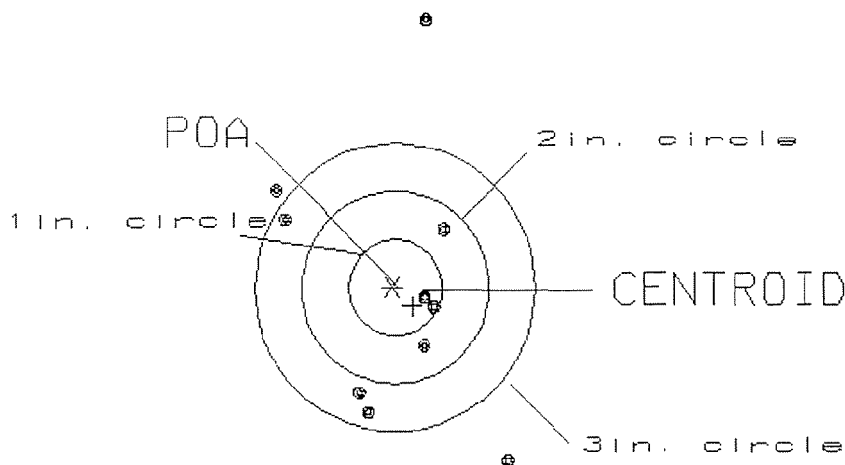
PATTERN #: 2

POA TO CENTROID: .291
 MIN RADIUS : .382
 MEAN RADIUS : 1.285
 MAX RADIUS : 2.821
 CENTROID X : -.216
 CENTROID Y : .195

3 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6498869

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.50
 VS= 4.59
 GS= 4.68

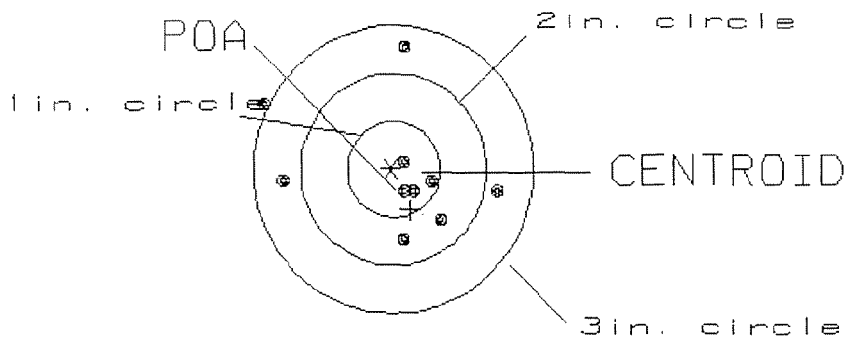
2
 4
 7

PATTERN #: 3
 POA TO CENTROID: .468
 MIN RADIUS : .127
 MEAN RADIUS : .766
 MAX RADIUS : 1.555
 CENTROID X : -.209
 CENTROID Y : .419

3 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6498869

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.53
 VS= 1.97
 GS= 2.70

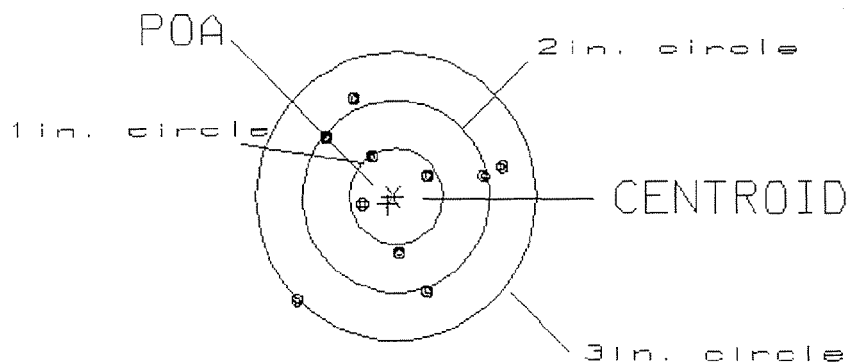
4
 6
 9

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .104
 MIN RADIUS : .367
 MEAN RADIUS : .870
 MAX RADIUS : 1.530
 CENTROID X : .063
 CENTROID Y : .083

3 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6498869

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.26

3

VS= 2.12

6

GS= 2.63

9

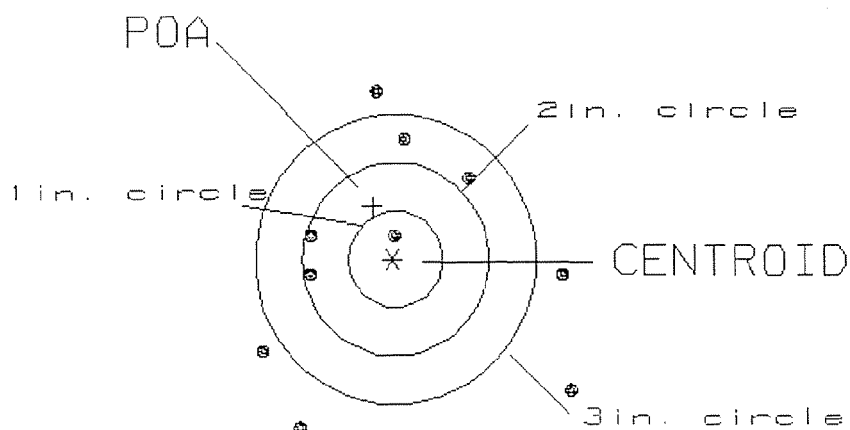
PATTERN #: 5

POA TO CENTROID: .589
 MIN RADIUS : .206
 MEAN RADIUS : 1.413
 MAX RADIUS : 2.360
 CENTROID X : .216
 CENTROID Y : -.548

3 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6498869

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.31
 VS= 3.52
 GS= 3.84

1
 3
 5

BARBER - M24 0170978
RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 96-26573

INITIAL CUSTOMER ORDER NO.

WOG 1 OF 2 M-24 SNIPER W/DEPLOYMENT KIT, SCOPE
CASE

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

11/20/96

12/05/96

C6498869

700 7.65

NATO

ACCESSORIES

HARD CASE

W/SWIVELS

FROM:

SHIP TO:

DEPT OF THE ARMY
DIRECTOR OF LOGISTICS
3 NASH BLVD.
FORT DRUM

NY 13602

DEPT OF THE ARMY
DIRECTOR OF LOGISTICS
3 NASH BLVD.
FORT DRUM

NY
13602

CUST NO: 101483 C.A.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

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

CYCLE

A1

B1

TRIGGER GROUP

B2

E1

F1

BOLT ASSY.

B3

E2

F2

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

W554096 345# 242

PARTS

COMMENTS

Barrel - 96003

*Re powder Coat Trigger Guard
Assy. Front & Rear Sight Bases.
Reduce Scope Base Rings,
Swivels & Swivel Studs.*

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV 6/96

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0170978 171017

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG				PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)	
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA			
1a. UIC CUSTOMER W81E38	1b. CUSTOMER UNIT NAME HHC 2-87 INF	1c. PHONE NO 2-2666	3a. WORK ORDER NUMBER (WON)	3b. SHOP	3c. PHONE NO		
2a. SAMS-2 UIC/SAMS-I/TDA W6BRT0	2b. UTILIZATION CODE	2c. MCSR	4a. UIC SUPPORT UNIT	4b. SUPPORT UNIT NAME			
SECTION III - EQUIPMENT DATA							
5. TYPE MINT REQ CODE	6. ID 1005012402136	7. NSN	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751				
8. MODEL M24	9. NOUN Sniper weapon system		15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751		16. MILES/KILOMETERS/HOURS/ROUNDS M K H R		
10a. ORG WON/DOC NO	10b. EIC		17. PROJECT CODE (if assigned)	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (enter Y or N)	20. ADMIN NO	
11. SERIAL NUMBER 6698869			12. QTY 1	13. PD 12	21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)		
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)			22. LEVEL OF WORK		23. SIGNATURE		
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs) Day optic sight system calibrations are offset							
25. REMARKS P.O.C. - Sgt Belfield 2-2666							
PREPARATION INSTRUCTIONS FOR THIS PAGE							
SECTION I				SECTION III (Cont'd)			
Block 1a. Enter UIC of submitting organization. Block 1b. Enter name of submitting organization. Block 1c. Enter number to be called when maint. is completed. Block 2a. Enter UIC of supporting SAMS-2/SAMS-I/TDA if work is requested while intransit and away from your support maintenance unit. Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751. Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank.				Block 12. Enter the quantity of items being submitted. Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1. Block 14. For DSU, GSU/AVIM, DEPOT use. Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751. Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751. Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting. Block 17. Enter the project code if one has been assigned. If not, leave blank. Block 18. See DA Pamphlets 738-750 and 738-751. Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty. Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted. Block 21. For DSU/GSU/AVIM/Depot use. Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act. Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank. Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint. Block 25. Self-explanatory.			
SECTION II							
Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT.							
SECTION III							
Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751. Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751. Block 7. Enter the NSN or stock number of the item being submitted. Block 8. Enter model of item being submitted. Block 9. Enter noun/nomenclature of item being submitted. Block 10a. Enter Work Order Number (WON)/DOC NO assigned when item is submitted. Otherwise, leave blank. Block 10b. Enter End Item Code. See AMDF. Block 11. Enter serial number of item being submitted.							
34a. SUBMITTED BY	35a. ACCEPTED BY	35c. DATE		Block 34a. Enter first initial and last name of submitter. Block 34b. Enter ordinal date submitted (YYDDD). Block 35a. Enter first initial and last name of person accepting maint. request. Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751. Block 35c. Enter ordinal date accepted (YYDDD). Block 35d. Enter military time.			
34b. DATE	35b. STATUS	35d. TIME					

DA FORM 2407, JUL 94

PREVIOUS EDITIONS OF DA FORM 2407 AND DA FORM 5504 ARE OBSOLETE

RECEIPT COPY 1

LOREN
PLACE
INSIDE
Boxes

MAINTENANCE REQUEST				PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)					
For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG											
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA							
1a. UIC CUSTOMER		1b. CUSTOMER UNIT NAME		1c. PHONE NO		3a. WORK ORDER NUMBER (WON)		3b. SHOP		3c. PHONE NO	
2a. SAMS-2 UIC/SAMS-I/TDA		2b. UTILIZATION CODE		2c. MCSR		4a. UIC SUPPORT UNIT		4b. SUPPORT UNIT NAME			
SECTION III - EQUIPMENT DATA											
5. TYPE MNT REQ CODE		6. ID		7. NSN		15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751					
8. MODEL						15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751			16. MILES/KILOMETERS/HOURS/ROUNDS		
9. NOUN									M K		
10a. ORG WON/DOC NO				10b. EIC					H R		
11. SERIAL NUMBER				12. QTY		13. PD		17. PROJECT CODE (if assigned)		18. ACCOUNT PROCESSING CODE	
14. MALFUNCTION DESCRIPTION (for DSU, GSUI/AVIM, DEPOT use)				19. IN WARRANTY? (enter Y or N)		20. ADMIN NO		21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)			
				22. LEVEL OF WORK		23. SIGNATURE					
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs)											
25. REMARKS											
26. TECHNICAL REFERENCES											
SECTION IV - TASK REQUIREMENTS DATA											
27a. FILE INPUT ACT CD		27b. TASK NO		27c. ACT CODE		27d. TASK DESCRIPTION		27e. QTY TO BE RPR		27f. WORK CENTER	
										27g. FAILURE CODE	
										27h. MH PROJ	
										27i. MH EXP	
SECTION V - PART REQUIREMENTS											
28a. FILE INPUT ACT CD		28b. TASK NO		28c. ID NO		28d. NSN OR PART NUMBER		28e. SFX CD		28f. QTY RQD	
										28g. QTY ISSUED	
										28h. NMCS CD	
										28i. FAILURE CODE	
										28j. STORAGE LOCATION	
										28k. INITIALS	
										28l. COST \$	
28m. TOTAL MANHOURS				28n. TOTAL MANHOURS COSTS \$				28o. TOTAL PARTS COSTS \$			
SECTION VI - COMPLETION DATA											
29. QTY RPR		30. QTY CONDEMN		31. QTY NRTS		32. EVAC WON		33. EVAC UNIT NAME			
SECTION VII - ACTION SIGNATURES											
34a. SUBMITTED BY		35a. ACCEPTED BY		35c. DATE		36a. WORK STARTED BY		37a. INSPECTED BY		38a. PICKED UP BY	
34b. DATE		35b. STATUS		35d. TIME		36b. STATUS		36c. DATE		36d. TIME	
37b. STATUS		37c. DATE		37d. TIME		38b. STATUS		38c. DATE		38d. TIME	
DA FORM 2407, JUL 94											

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

DA FORM 2404
1 APR 79

BARBER - M24 0140982 171021

BARBER - M24 **M2400171022**
0170983

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

Barrel

R&E NO.

SERIAL NO. *C6498869*

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN	<i>12/2/96</i>	<i>RW</i>
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<i>12/3/96</i>	<i>RW</i>
605	CHECK HEADSPACE	<i>12/3/96</i>	<i>RW</i>
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	<i>12/10/96</i>	<i>RW</i>
655	FINAL INSPECT	<i>12/10/96</i>	<i>RW</i>
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6498869

DATE REC'D: 1/20/96

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: