

C6225141

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*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: RE00151974

Serial: C6225141 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/21/1989

Repairman:

Verify Repair

Status:

Closed 9/26/2008 9:51:18 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEF DIST DEPOT ANNISTON AL

DEF DIST DEPOT ANNISTON AL

Address 1: 7 FRANKFORD AVE BLDG 362

7 FRANKFORD AVE BLDG 362

Address 2: PO Box:

PO Box:

City: ANNISTON

ANNISTON

State: AL

Zip Code: 36201-4199

Country: US

State: AL

Zip Code: 36201-4199

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
D000	FULL SYSTEM	1

Repair Search

Refresh

Close

nagletj

9/29/2008

2:38 PM

C4PS

NUM

INS

SCRL

start

13 M...

4 M...

HR Ba...

2 Int...

Arms...

Part 5...

2:38 PM

Serial Number: C6225141

Model M24 SWS



RE00151974

M-24
INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207
ISSUED 10/1/2007

R & E NUMBER <u>151974</u>				
SERIAL NUMBER <u>C6225141</u>				
LOG-IN DATE <u>9-26-08</u>				

OPERATION #	OPERATION NAME	DATE	INITIAL	
500	DIS-ASSEMBLE GUN	3-26-09	RTZ	
505	RE-BARREL	3-27-09	RTZ	
420	ASSEMBLE	3-27-09	RTZ	
440	PROOF	MAGNA - FLUX	3-27-09	TL
460	CHECK HEADSPACE	3-27-09	TL	
470	DIS-ASSEMBLE GUN			
480	MAGNAFLUX	OPERATOR	4/2/09	
510	DRILL AND TAP	3-28-09	JP	
500	ROLLMARK CALIBER	4/2/09	RT	
520	GOFF BLAST BBL / REC	4-2	IB	
530 & 540	APPLY COATINGS	4-3		
560	FINAL ASSEMBLY	4-13-09	RTZ	
640	FUNCTION TEST AND	PASS FAIL	4-13-09	L.P.D.
650	TARGET	PASS FAIL	4-13-09	L.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	4-13-09	RP
670	FINAL INSPECTION A) HEADSPACE	PASS FAIL	4-14-09	WV
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.87 2.89 2.78 2.80 2.85	4-13-09 WV
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	8 8 8	4-14-09 WV
	G) SAFETY OFF FORCE	2 LBS MIN	3 3.5 3	4-14-09 WV
	I) FIRING PIN INDENT	.020	.023 .022 .022	4-14-09 WV
690	PACK		4/2/09	Fm

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6225141.__0
FILE DATE AND TIME: 04/14/2009 05:16

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.005
The Average Y Centroid of the Five Target Set:	-0.062
The Average Point of Impact of the Five Target Set:	0.062
The Average Mean Radius of the Five Target Set:	0.616
The Distance from POA to Centroid Target #1:	0.062
The Distance from Centroid Target #2 to Centroid Target #1:	0.124
The Distance from Centroid Target #3 to Centroid Target #1:	0.063
The Distance from Centroid Target #4 to Centroid Target #1:	0.097
The Distance from Centroid Target #5 to Centroid Target #1:	0.105

SERIAL NUMBER: G6225141. __0

TARGET NUMBER: 1

FILE DATE: 04/14/2009

FILE TIME: 05:16

POINT#	X	Y
1:	0.018	0.015
2:	-0.002	0.046
3:	-0.027	0.064
4:	0.432	0.351
5:	-0.227	-0.128
6:	-0.361	-0.464
7:	0.395	-0.364
8:	-0.367	0.452
9:	0.042	-0.929
10:	0.398	0.418

X CENTROID: 0.030

Y CENTROID: -0.054

POA TO CENTROID: 0.062

HORZ SPREAD: 0.799

VERT SPREAD: 1.381

GROUP SPREAD: 1.440

MIN RADIUS: 0.070

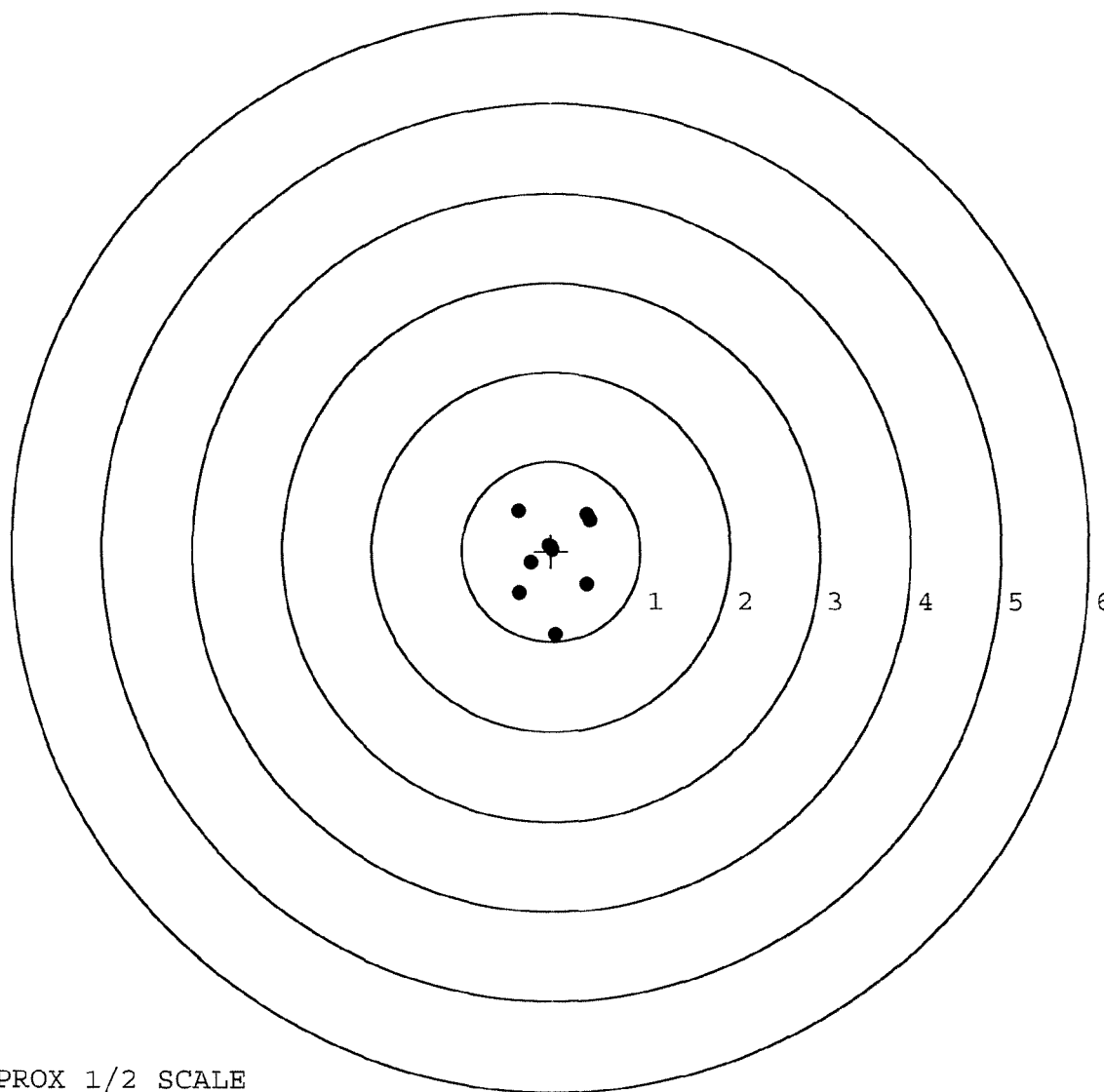
MAX RADIUS: 0.875

MEAN RADIUS: 0.431

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6225141. __0

TARGET NUMBER: 2

FILE DATE: 04/14/2009

FILE TIME: 05:16

POINT#	X	Y
1:	0.218	-0.603
2:	0.695	-0.441
3:	0.282	-0.278
4:	0.073	-0.398
5:	0.022	-0.220
6:	-0.058	-0.024
7:	0.094	0.114
8:	-0.531	-0.086
9:	1.165	1.164
10:	-0.486	0.639

X CENTROID: 0.147

Y CENTROID: -0.013

POA TO CENTROID: 0.148

HORZ SPREAD: 1.696

VERT SPREAD: 1.767

GROUP SPREAD: 2.107

MIN RADIUS: 0.138

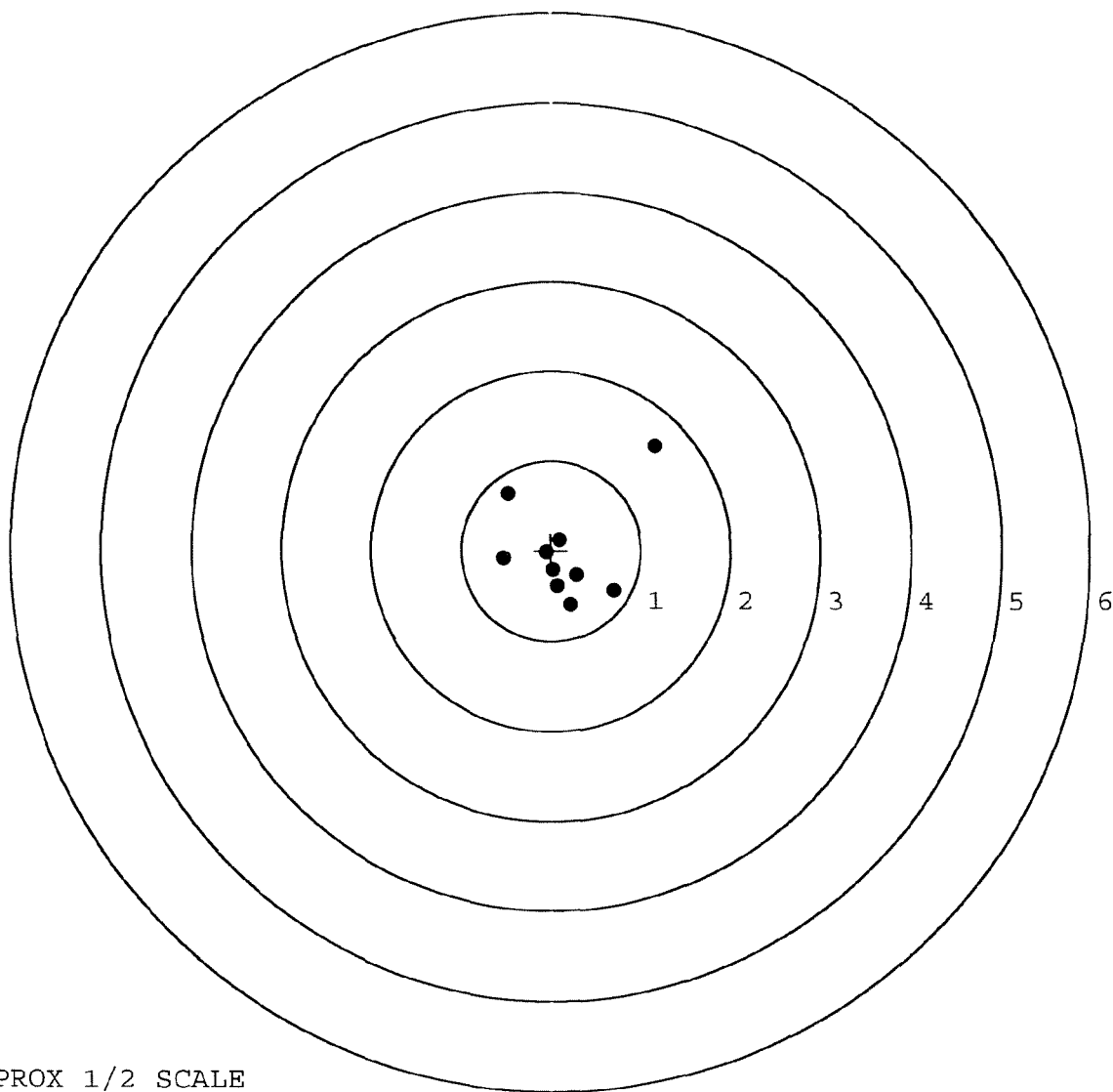
MAX RADIUS: 1.556

MEAN RADIUS: 0.571

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6225141.___0

TARGET NUMBER: 3

FILE DATE: 04/14/2009

FILE TIME: 05:16

POINT#	X	Y
1:	0.774	-0.605
2:	0.354	-0.357
3:	-0.394	-1.004
4:	-0.327	-0.124
5:	-0.185	0.003
6:	0.297	0.203
7:	0.287	0.416
8:	0.143	0.596
9:	-0.364	0.473
10:	-0.904	-0.008

X CENTROID: -0.032

Y CENTROID: -0.041

POA TO CENTROID: 0.052

HORZ SPREAD: 1.678

VERT SPREAD: 1.600

GROUP SPREAD: 1.688

MIN RADIUS: 0.159

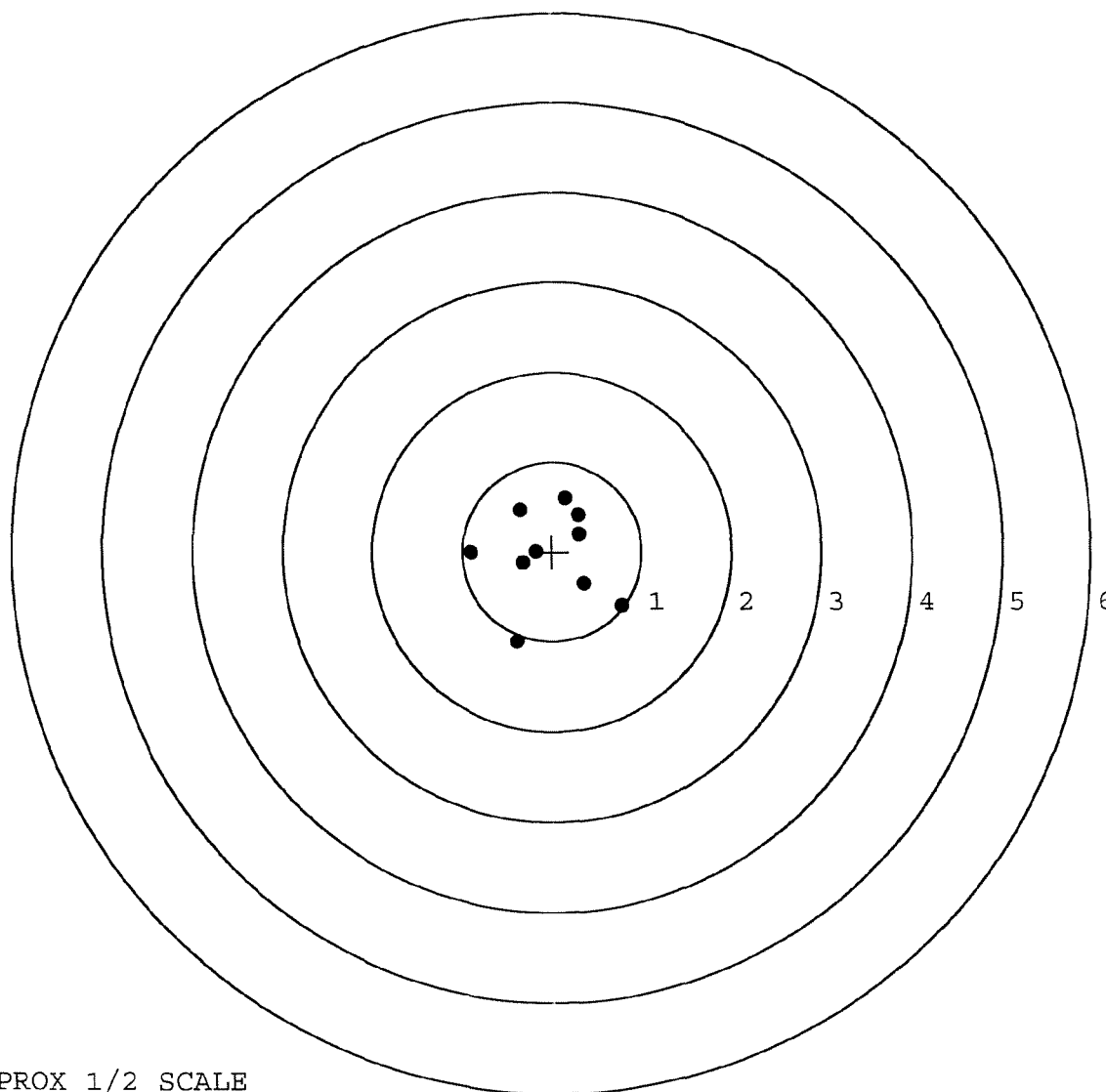
MAX RADIUS: 1.029

MEAN RADIUS: 0.609

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6225141. __0

TARGET NUMBER: 4

FILE DATE: 04/14/2009

FILE TIME: 05:16

POINT#	X	Y
1:	-0.021	-0.027
2:	-0.149	0.143
3:	0.354	-0.161
4:	0.588	0.034
5:	0.713	-0.822
6:	0.063	-0.728
7:	-0.606	-0.180
8:	-1.143	-0.528
9:	0.142	0.523
10:	-0.531	0.820

X CENTROID: -0.059

Y CENTROID: -0.093

POA TO CENTROID: 0.110

HORZ SPREAD: 1.856

VERT SPREAD: 1.642

GROUP SPREAD: 1.879

MIN RADIUS: 0.076

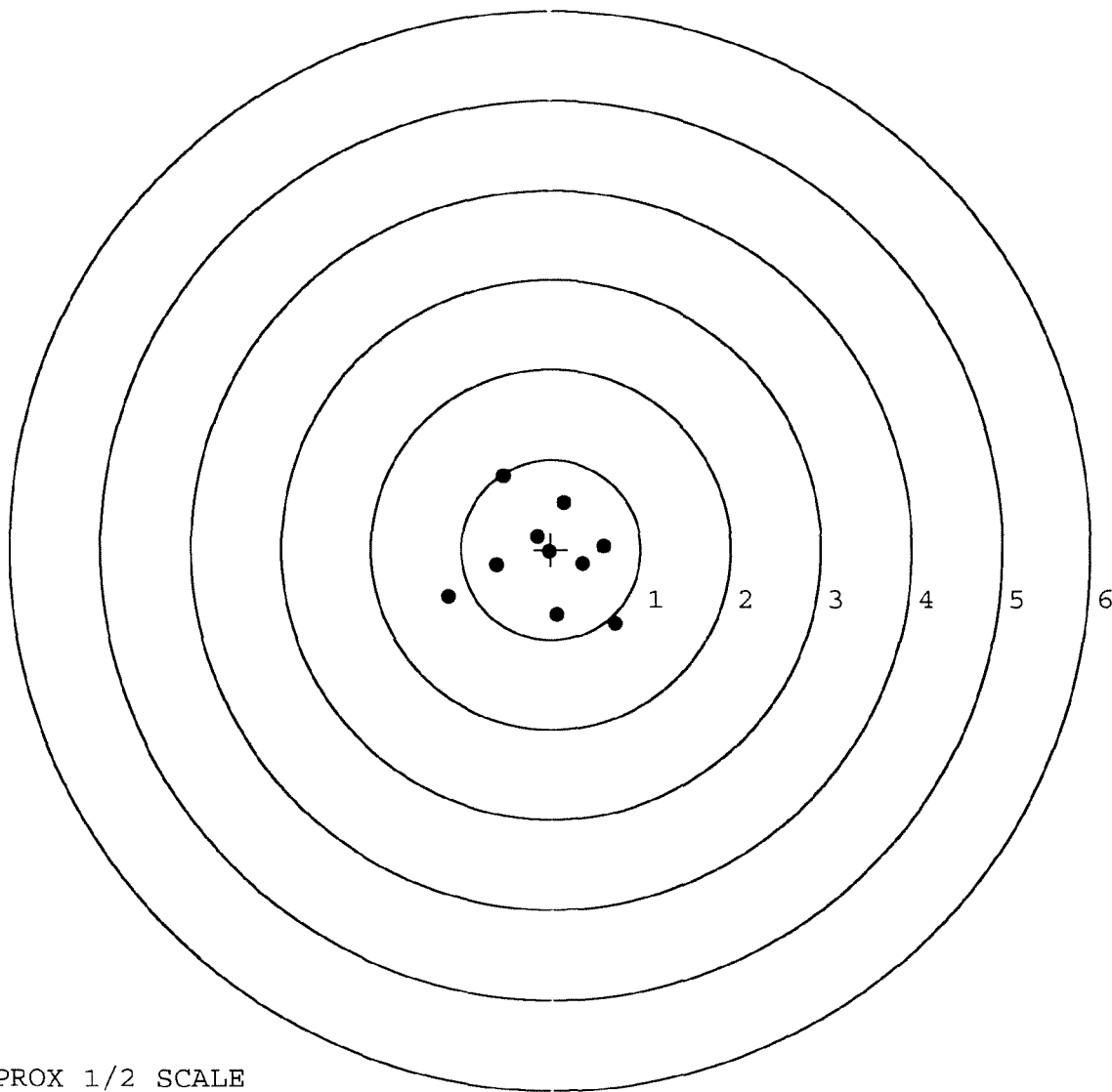
MAX RADIUS: 1.168

MEAN RADIUS: 0.651

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6225141. __0

TARGET NUMBER: 5

FILE DATE: 04/14/2009

FILE TIME: 05:16

POINT#	X	Y
1:	0.953	-1.067
2:	-0.274	-0.882
3:	-0.397	-0.565
4:	0.083	-0.682
5:	0.745	0.045
6:	0.293	-0.007
7:	0.313	0.346
8:	-0.415	0.466
9:	-1.064	0.366
10:	-0.835	0.900

X CENTROID: -0.060

Y CENTROID: -0.108

POA TO CENTROID: 0.123

HORZ SPREAD: 2.017

VERT SPREAD: 1.967

GROUP SPREAD: 2.658

MIN RADIUS: 0.367

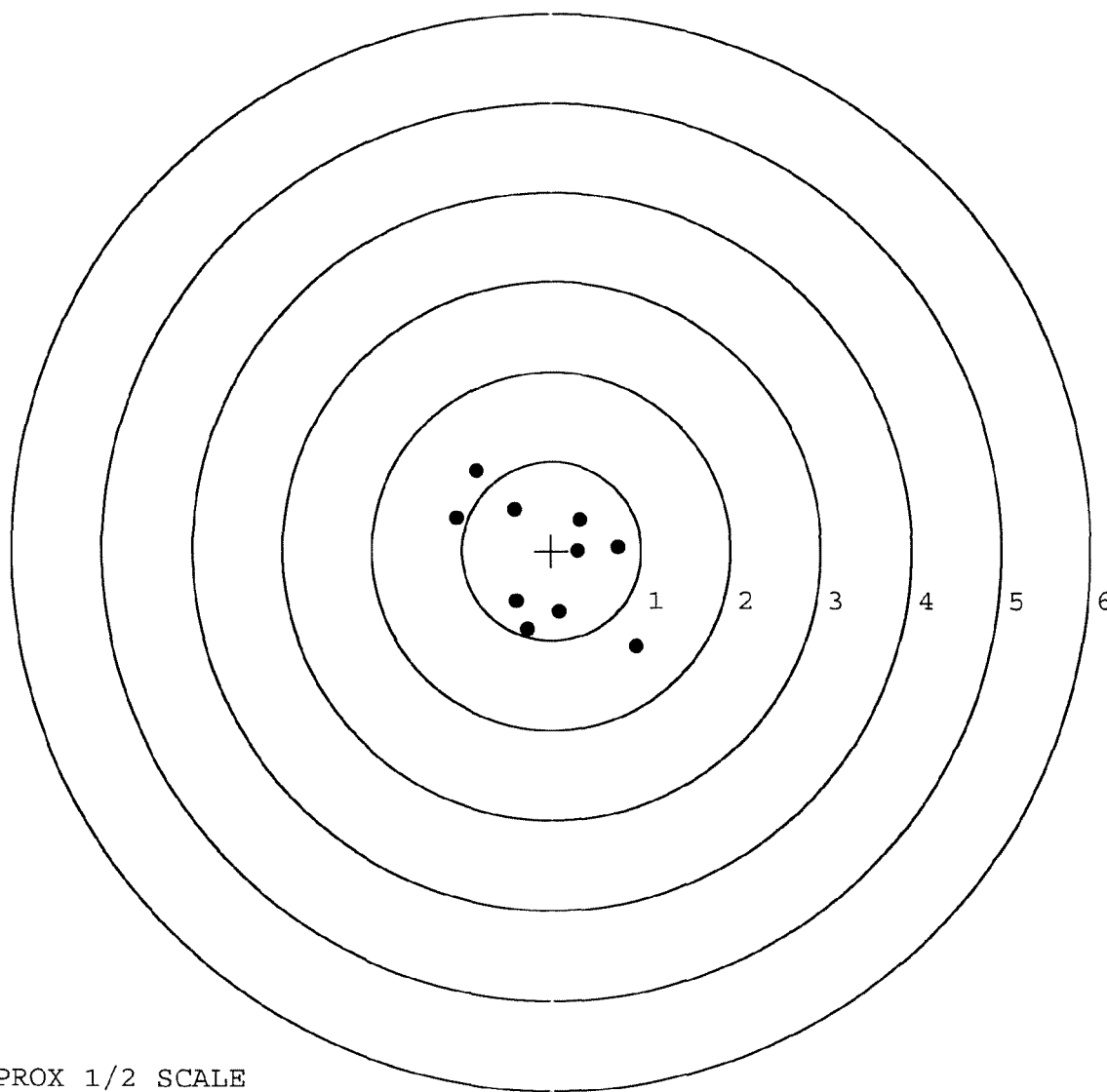
MAX RADIUS: 1.395

MEAN RADIUS: 0.819

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Repair Inquiry

Repair Number: RE00126630

Serial: C6225141 Model M24 SWS Center Fire

Repairman:

Verify Repair

Status:

New 3/14/2007 5:38:27 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: TRANSPORTATION OFFICE

TRANSPORTATION OFFICE

Address 1: BLDG 7199

BLDG 7199

Address 2: GLIDER ROAD

PO Box:

GLIDER ROAD

PO Box:

City: FORT CAMPBELL

FORT CAMPBELL

State: KY

Zip Code: 42223

Country: US

State: KY

Zip Code: 42223

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
A006	Sling Strap	1
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	2

Repair Search

Refresh

Close

nagletj

3/14/2007

7:35 AM

CAPS

NUM

INS

SCRL

start

4 Micro...

Arms Ser...

Part Sear...

RAC0179...

5 Inter...

7:35 AM

Serial Number: C6225141

Model: M24 SWS



RE00126630

New Deployment Kit

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

USAPPC V1.10

M2400049926

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225141.___0
FILE DATE AND TIME: 04/12/2007 14:55

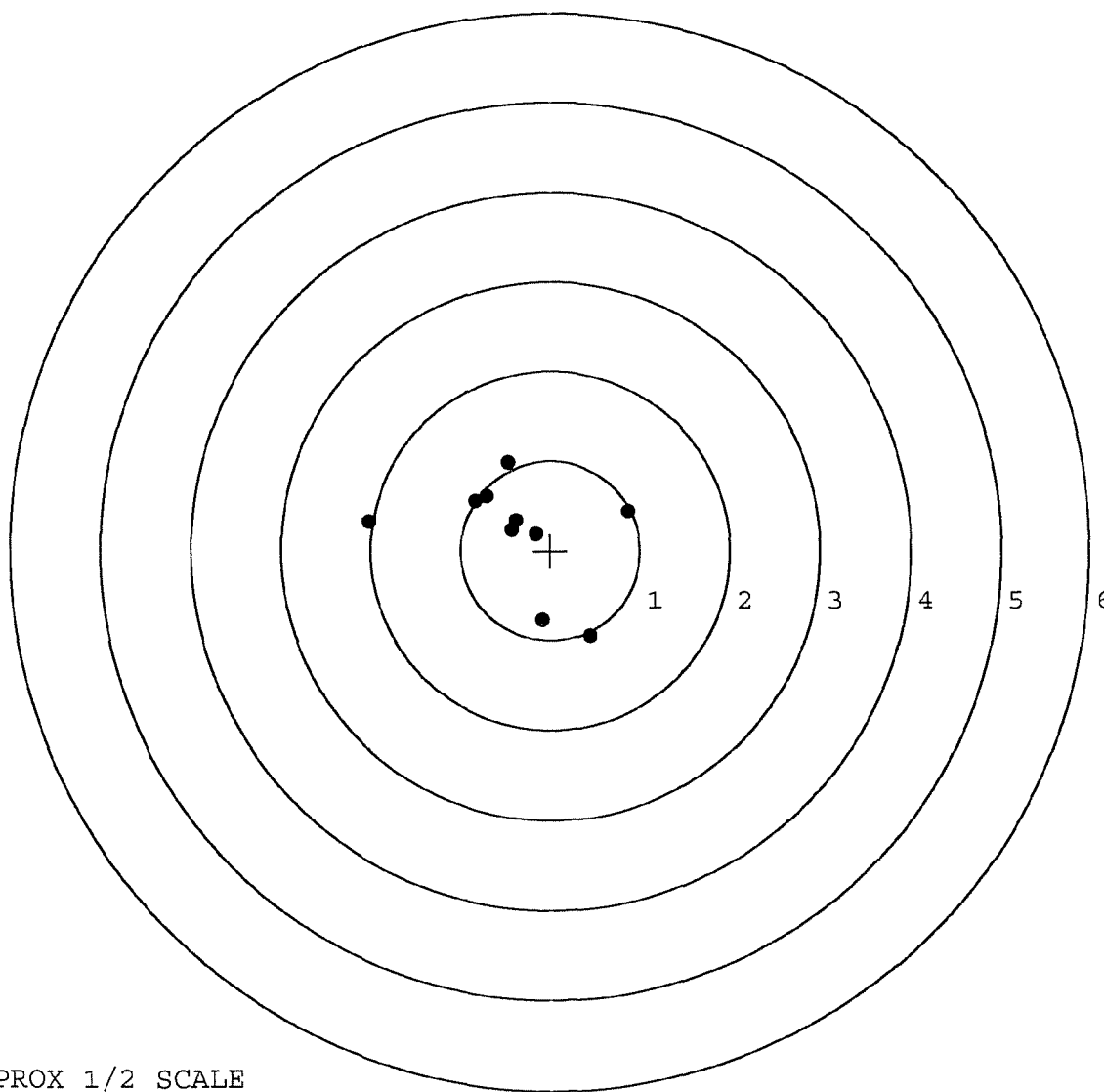
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.219
The Average Y Centroid of the Five Target Set:	0.094
The Average Point of Impact of the Five Target Set:	0.239
The Average Mean Radius of the Five Target Set:	0.681
The Distance from POA to Centroid Target #1:	0.430
The Distance from Centroid Target #2 to Centroid Target #1:	0.166
The Distance from Centroid Target #3 to Centroid Target #1:	0.410
The Distance from Centroid Target #4 to Centroid Target #1:	0.323
The Distance from Centroid Target #5 to Centroid Target #1:	0.363

SERIAL NUMBER: C6225141. __0
TARGET NUMBER: 1
FILE DATE: 04/12/2007
FILE TIME: 14:55

POINT#	X	Y
1:	0.446	-0.957
2:	-0.098	-0.780
3:	0.866	0.444
4:	-0.168	0.192
5:	-0.440	0.239
6:	-0.389	0.341
7:	-0.836	0.558
8:	-0.713	0.611
9:	-0.477	0.982
10:	-2.021	0.323

X CENTROID: -0.383
Y CENTROID: 0.195
POA TO CENTROID: 0.430
HORZ SPREAD: 2.887
VERT SPREAD: 1.939
GROUP SPREAD: 2.890
MIN RADIUS: 0.072
MAX RADIUS: 1.643
MEAN RADIUS: 0.769
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

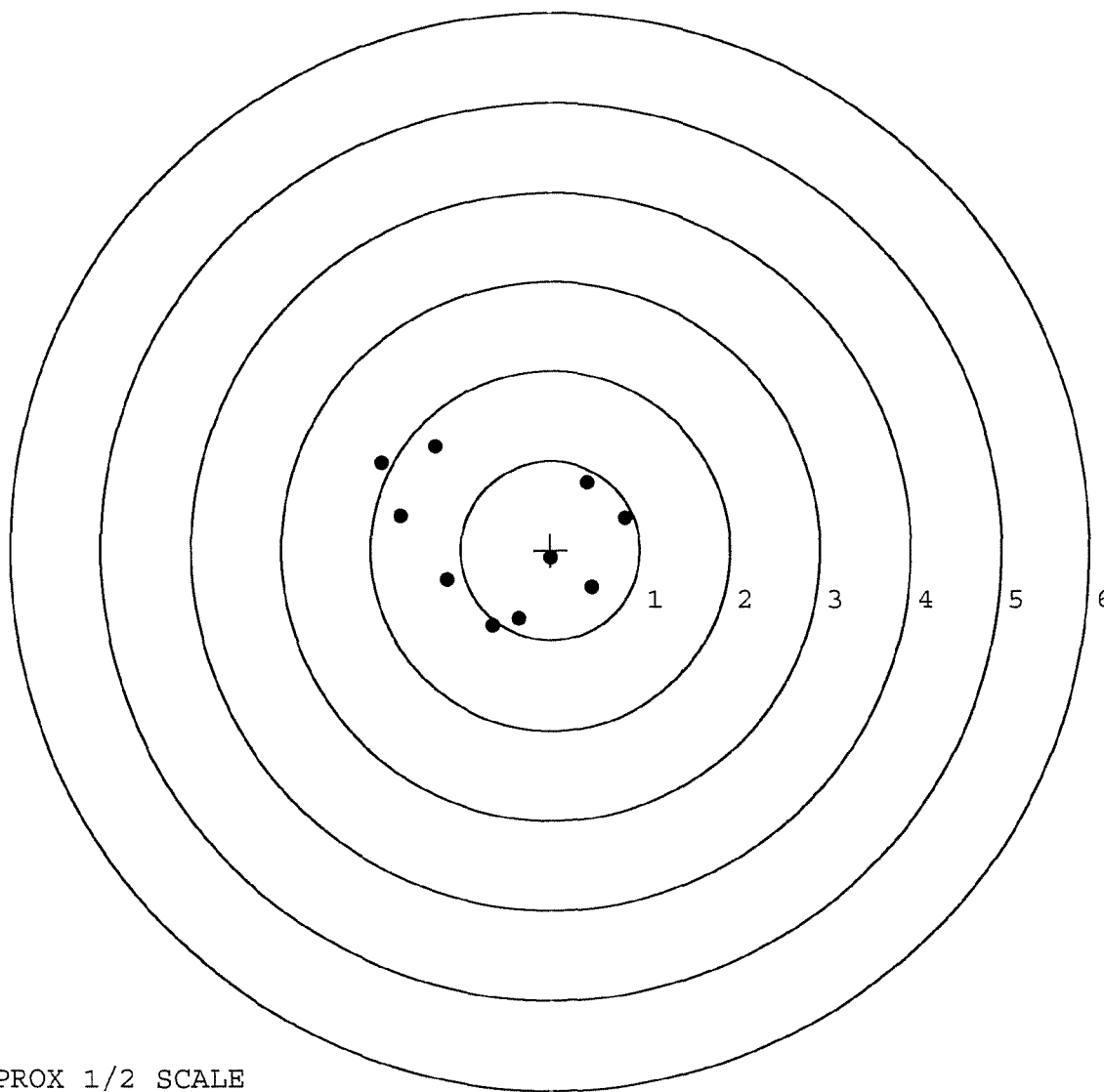


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225141. __0
TARGET NUMBER: 2
FILE DATE: 04/12/2007
FILE TIME: 14:55

POINT#	X	Y
1:	0.461	-0.417
2:	0.829	0.365
3:	0.408	0.759
4:	-0.002	-0.090
5:	-0.363	-0.769
6:	-0.652	-0.841
7:	-1.148	-0.343
8:	-1.667	0.383
9:	-1.880	0.980
10:	-1.280	1.154

X CENTROID: -0.529
Y CENTROID: 0.118
POA TO CENTROID: 0.542
HORZ SPREAD: 2.709
VERT SPREAD: 1.995
GROUP SPREAD: 2.778
MIN RADIUS: 0.567
MAX RADIUS: 1.602
MEAN RADIUS: 1.090
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 9

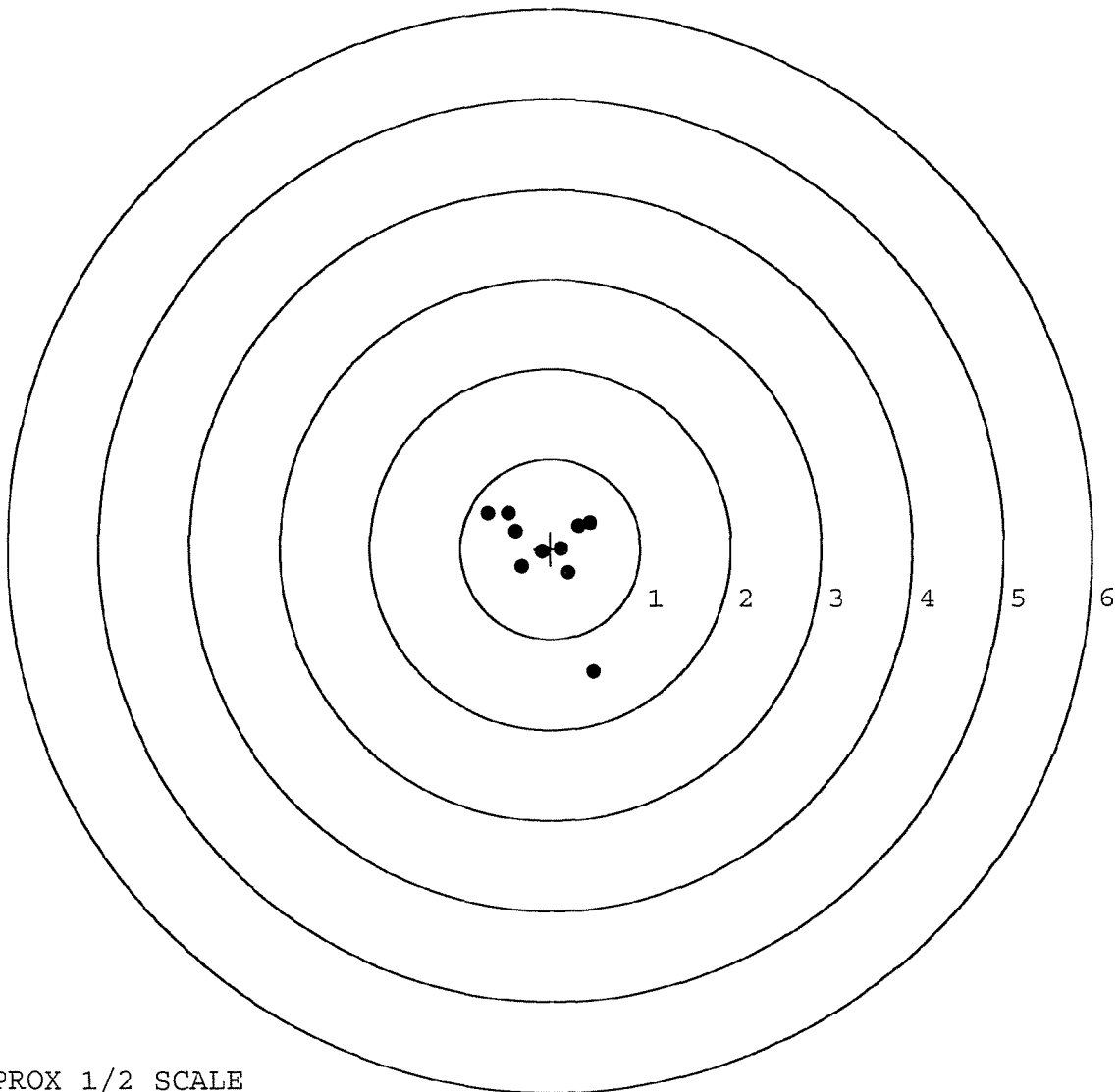


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225141. __0
TARGET NUMBER: 3
FILE DATE: 04/12/2007
FILE TIME: 14:55

X CENTROID: -0.044
Y CENTROID: -0.035
POA TO CENTROID: 0.057
HORZ SPREAD: 1.172
VERT SPREAD: 1.759
GROUP SPREAD: 2.112
MIN RADIUS: 0.051
MAX RADIUS: 1.425
MEAN RADIUS: 0.515
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.474	-1.363
2:	0.435	0.288
3:	0.313	0.257
4:	-0.396	0.197
5:	-0.467	0.396
6:	-0.698	0.394
7:	-0.321	-0.206
8:	-0.095	-0.040
9:	0.115	-0.004
10:	0.196	-0.273



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225141. __ 0

TARGET NUMBER: 4

FILE DATE: 04/12/2007

FILE TIME: 14:55

POINT#	X	Y
1:	-0.904	0.688
2:	-0.136	0.247
3:	0.452	0.063
4:	0.189	0.063
5:	0.321	-0.205
6:	0.106	-0.496
7:	-0.447	-0.342
8:	-0.296	-0.098
9:	-0.443	0.125
10:	-0.050	0.019

X CENTROID: -0.121

Y CENTROID: 0.006

POA TO CENTROID: 0.121

HORZ SPREAD: 1.356

VERT SPREAD: 1.184

GROUP SPREAD: 1.556

MIN RADIUS: 0.072

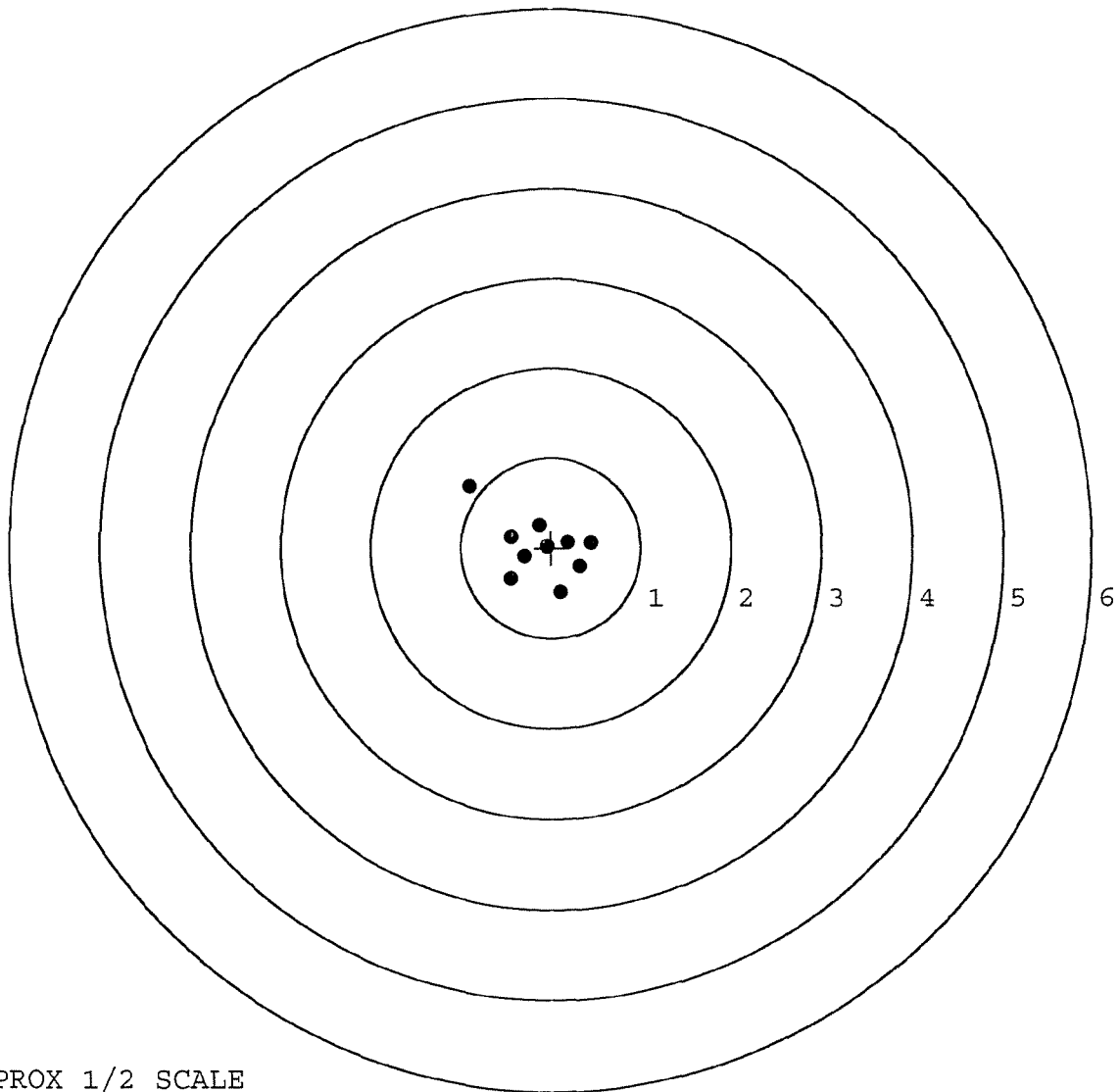
MAX RADIUS: 1.038

MEAN RADIUS: 0.431

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

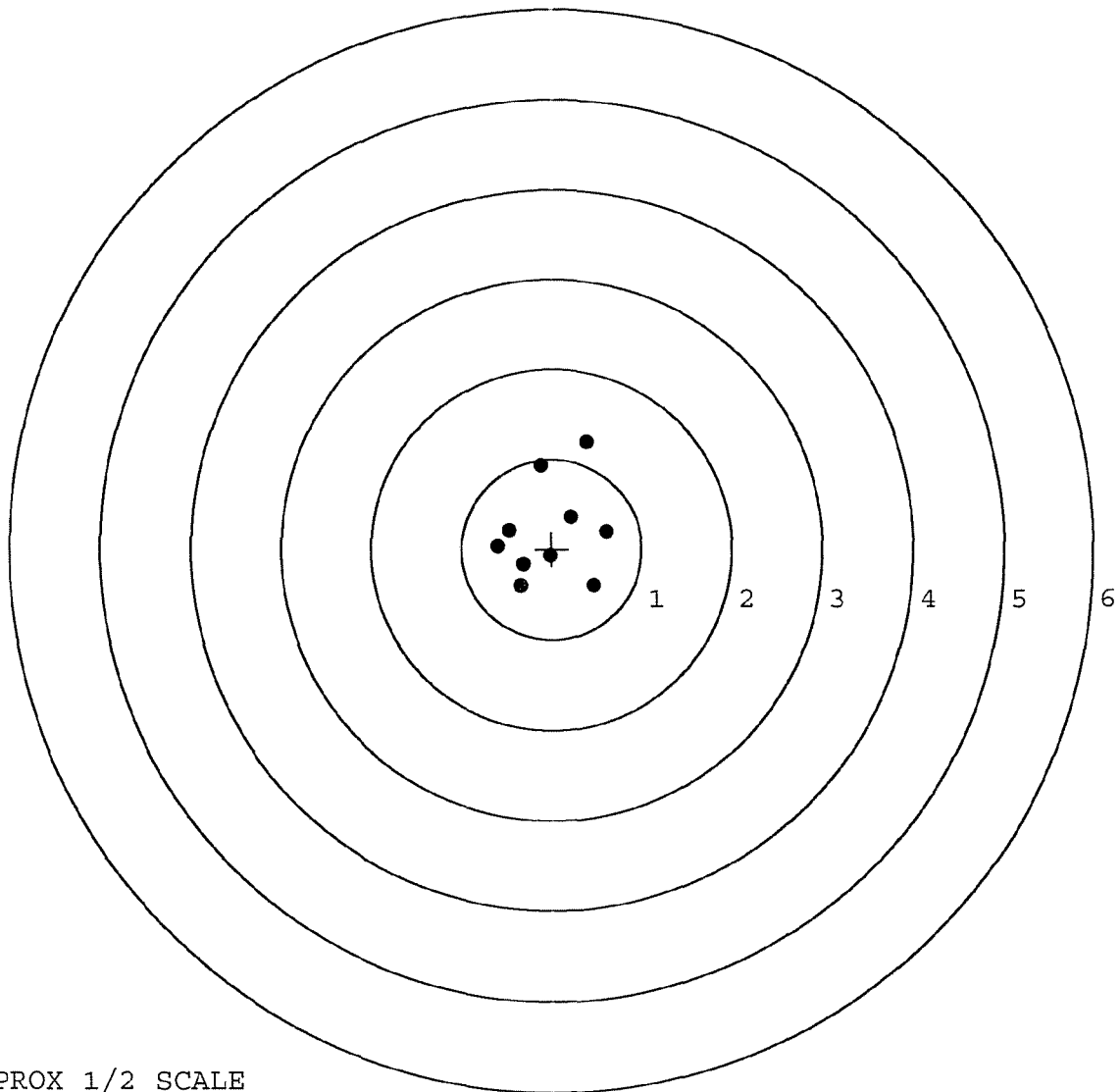


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225141. __0
TARGET NUMBER: 5
FILE DATE: 04/12/2007
FILE TIME: 14:55

POINT#	X	Y
1:	0.387	1.193
2:	-0.123	0.933
3:	0.213	0.358
4:	0.611	0.199
5:	0.469	-0.401
6:	-0.016	-0.076
7:	-0.351	-0.413
8:	-0.600	0.036
9:	-0.475	0.211
10:	-0.314	-0.167

X CENTROID: -0.020
Y CENTROID: 0.187
POA TO CENTROID: 0.188
HORZ SPREAD: 1.211
VERT SPREAD: 1.606
GROUP SPREAD: 1.767
MIN RADIUS: 0.263
MAX RADIUS: 1.085
MEAN RADIUS: 0.599
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	126630		
SERIAL NUMBER	06225141		
LOG-IN DATE	3-16-07		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	3-21-07	RTZ
505	RE-BARREL	3-22-07	RTZ
560	ASSEMBLE	3-23-07	RTZ
600	PROOF	3-23-07	TRW
605	CHECK HEADSPACE	INSPECTED 3-23-07	TRW
610	DIS-ASSEMBLE GUN	MAR 26 2007 3-23-07	RTZ
612	MAGNAFLUX	OPERATOR APD 3-26-07	APD
510	DRILL AND TAP	3-23-07	TRW
615	ROLLMARK CALIBER	3-26-07	CW
618	ROTO-BLAST	3-26-07	LB
620	APPLY COATINGS	3-28-07	CW
625	FINAL ASSEMBLY	4-10-07	RTZ
640	FUNCTION TEST AND	(PASS) FAIL 4-12-07	TRW
650	TARGET	(PASS) FAIL 4-12-07	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	N/A 4-12-07 FM
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	9/19/07	mon
	A) HEADSPACE	(PASS) FAIL 4/19/07	mon
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 2.75 2.75 2.65 2.59 2.79 2.29 2.79 2.81 4/19/07 mon	
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 7.0 7.0 7.0 4/19/07 mon	
	G) SAFETY OFF FORCE	2 LBS MAX 3.0 3.0 3.0 4/19/07 mon	
	I) FIRING PIN INDENT	.020	
690	PACK	4-21-07	RA

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225141.___0
FILE DATE AND TIME: 09/09/2004 08:08

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.062
The Average Y Centroid of the Five Target Set:	0.043
The Average Point of Impact of the Five Target Set:	0.076
The Average Mean Radius of the Five Target Set:	0.887
The Distance from POA to Centroid Target #1:	0.249
The Distance from Centroid Target #2 to Centroid Target #1:	0.053
The Distance from Centroid Target #3 to Centroid Target #1:	0.462
The Distance from Centroid Target #4 to Centroid Target #1:	0.269
The Distance from Centroid Target #5 to Centroid Target #1:	0.415

SERIAL NUMBER: C6225141. __0

TARGET NUMBER: 1

FILE DATE: 09/09/2004

FILE TIME: 08:08

X CENTROID: -0.071

Y CENTROID: 0.239

POA TO CENTROID: 0.249

HORZ SPREAD: 1.896

VERT SPREAD: 3.455

GROUP SPREAD: 3.463

MIN RADIUS: 0.208

MAX RADIUS: 2.060

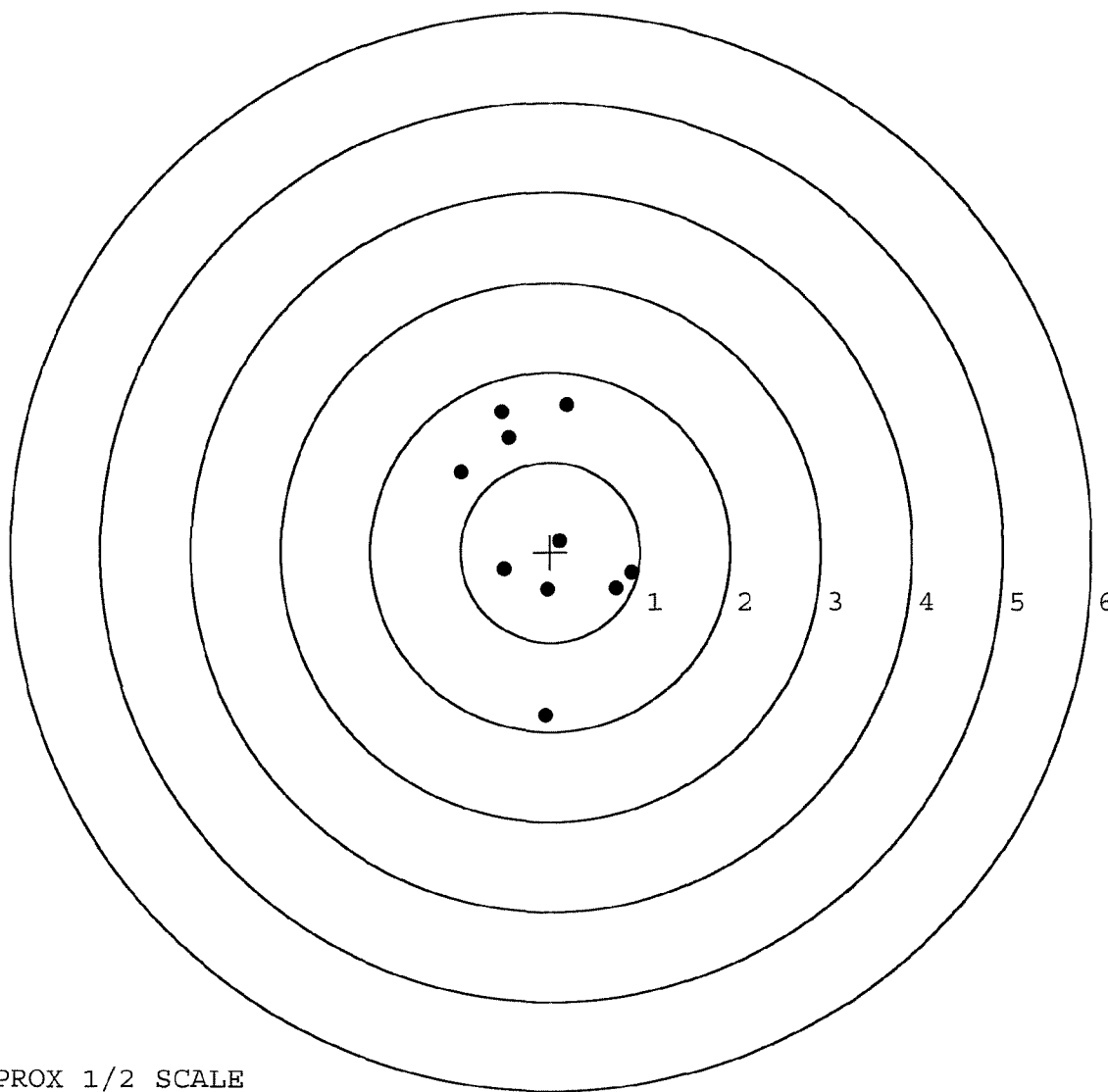
MEAN RADIUS: 1.070

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.900	-0.232
2:	0.728	-0.405
3:	-0.057	-1.821
4:	-0.040	-0.418
5:	0.100	0.121
6:	-0.515	-0.197
7:	-0.996	0.884
8:	-0.472	1.268
9:	-0.543	1.555
10:	0.180	1.634



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225141. __0

TARGET NUMBER: 2

FILE DATE: 09/09/2004

FILE TIME: 08:08

X CENTROID: -0.069

Y CENTROID: 0.185

POA TO CENTROID: 0.198

HORZ SPREAD: 2.065

VERT SPREAD: 2.862

GROUP SPREAD: 2.930

MIN RADIUS: 0.271

MAX RADIUS: 1.574

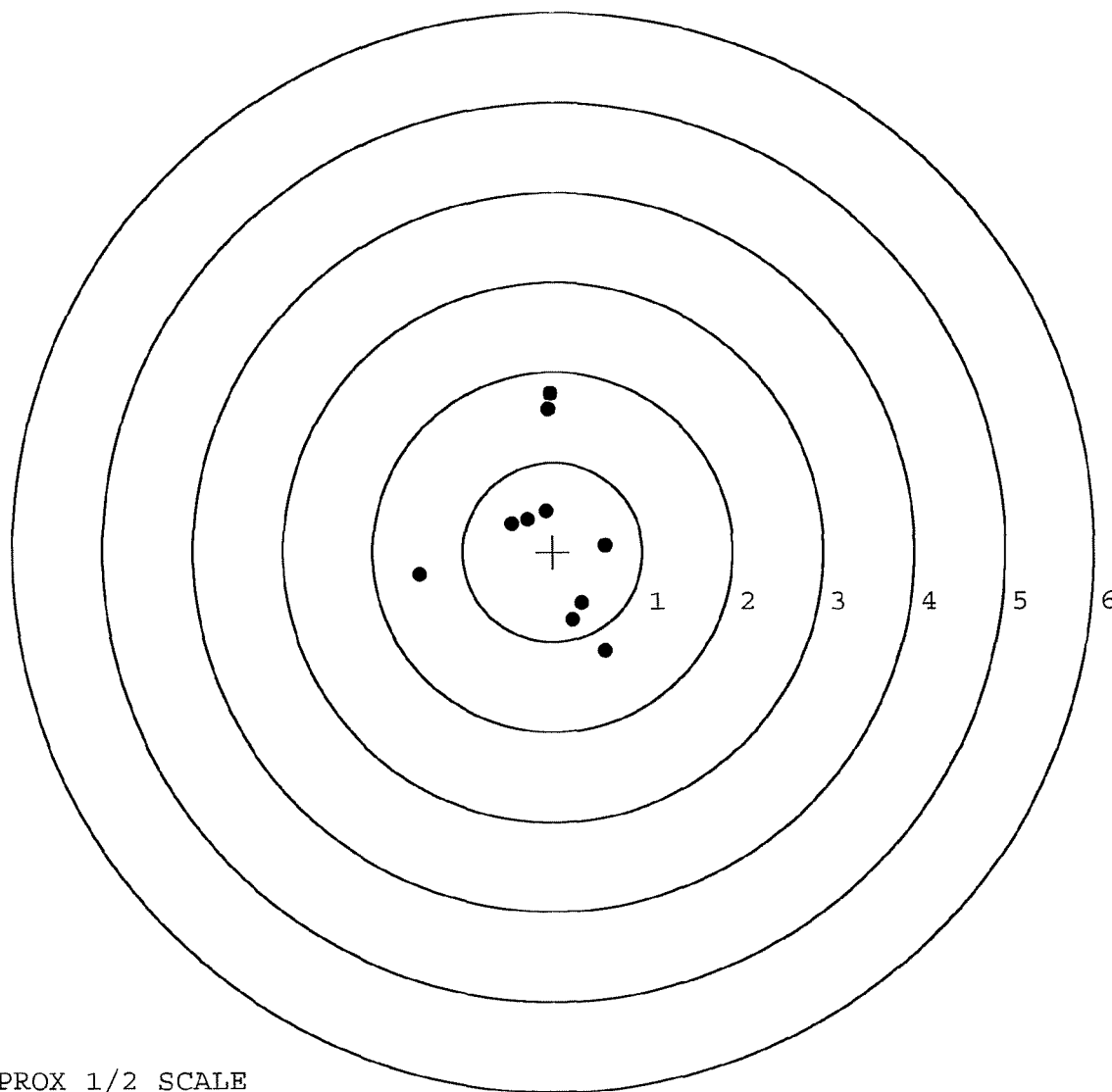
MEAN RADIUS: 0.937

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.591	-1.103
2:	0.215	-0.763
3:	0.323	-0.572
4:	0.589	0.076
5:	-0.084	0.456
6:	-0.287	0.365
7:	-0.461	0.315
8:	-1.474	-0.258
9:	-0.063	1.580
10:	-0.037	1.759

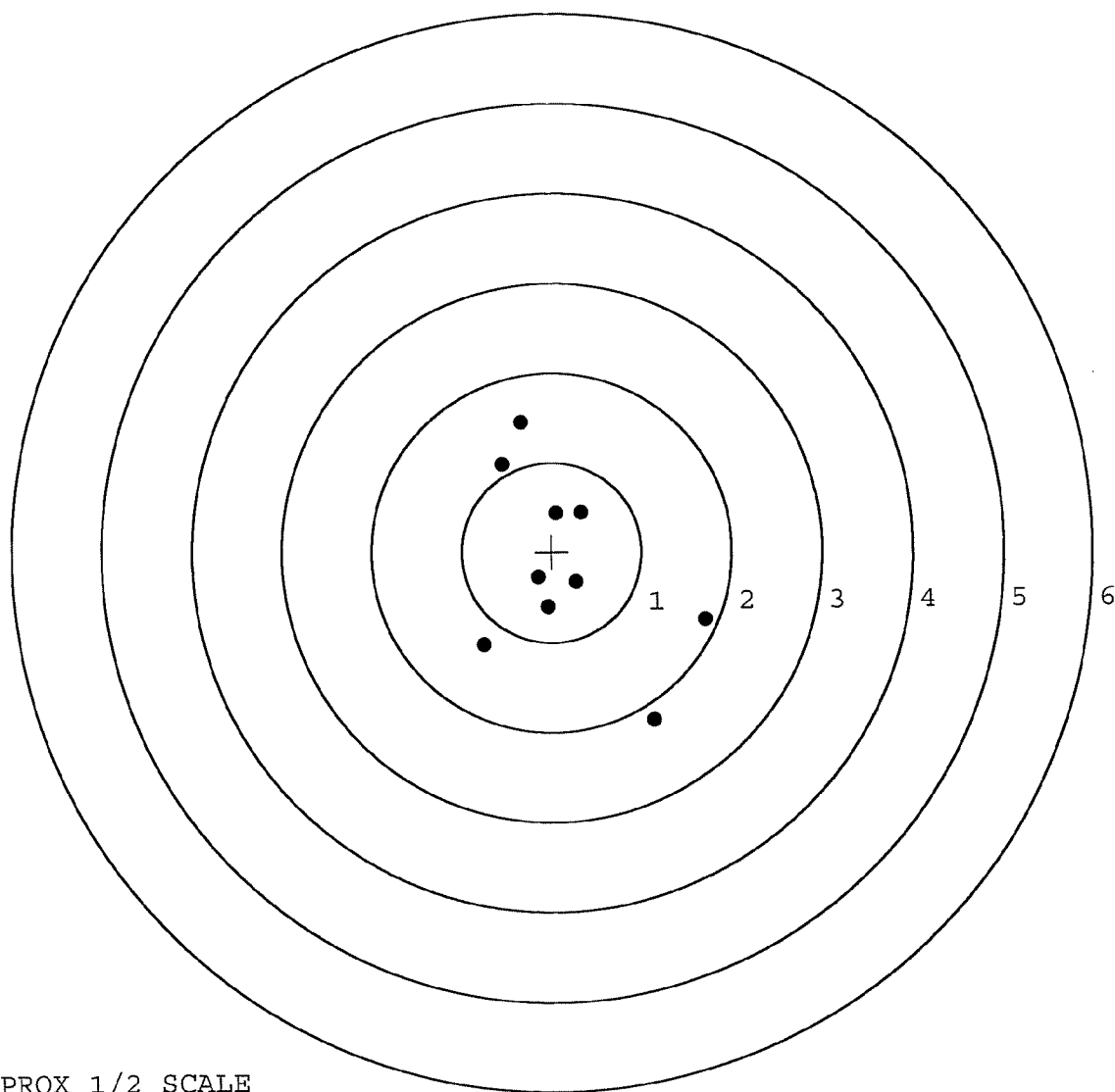


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225141. __0
TARGET NUMBER: 3
FILE DATE: 09/09/2004
FILE TIME: 08:08

X CENTROID: 0.162
Y CENTROID: -0.160
POA TO CENTROID: 0.227
HORZ SPREAD: 2.465
VERT SPREAD: 3.327
GROUP SPREAD: 3.637
MIN RADIUS: 0.210
MAX RADIUS: 1.970
MEAN RADIUS: 1.020
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	1.131	-1.875
2:	1.701	-0.764
3:	-0.764	-1.025
4:	-0.051	-0.612
5:	-0.159	-0.285
6:	0.272	-0.339
7:	0.331	0.440
8:	0.047	0.427
9:	-0.550	0.985
10:	-0.339	1.452



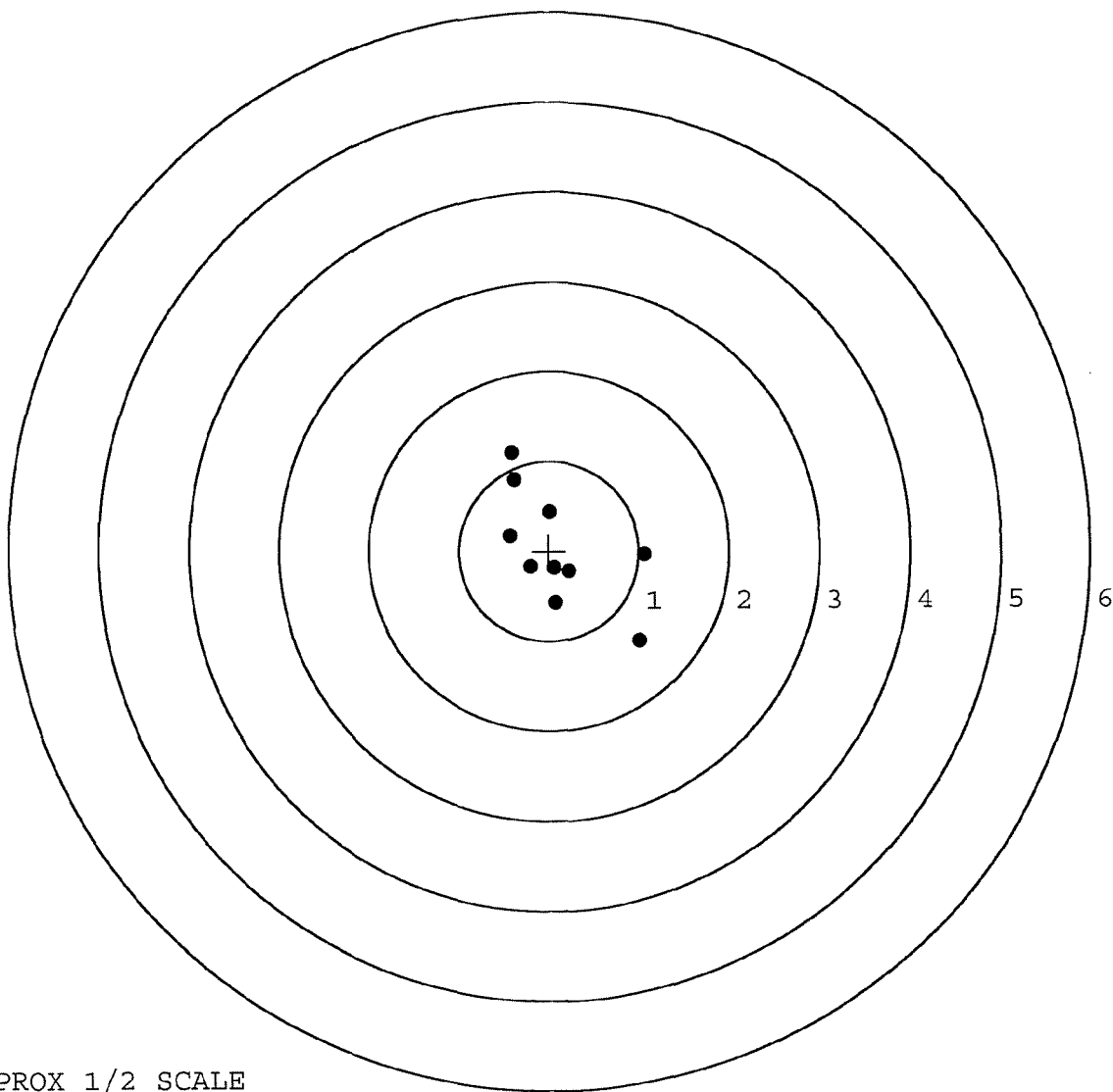
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225141. __ 0
TARGET NUMBER: 4
FILE DATE: 09/09/2004
FILE TIME: 08:08

X CENTROID: 0.097
Y CENTROID: 0.029
POA TO CENTROID: 0.101
HORZ SPREAD: 1.504
VERT SPREAD: 2.099
GROUP SPREAD: 2.537
MIN RADIUS: 0.222
MAX RADIUS: 1.375
MEAN RADIUS: 0.690

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.007	-1.002
2:	1.065	-0.042
3:	0.071	-0.578
4:	0.224	-0.229
5:	0.059	-0.190
6:	-0.207	-0.176
7:	-0.439	0.178
8:	-0.003	0.435
9:	-0.392	0.796
10:	-0.418	1.097



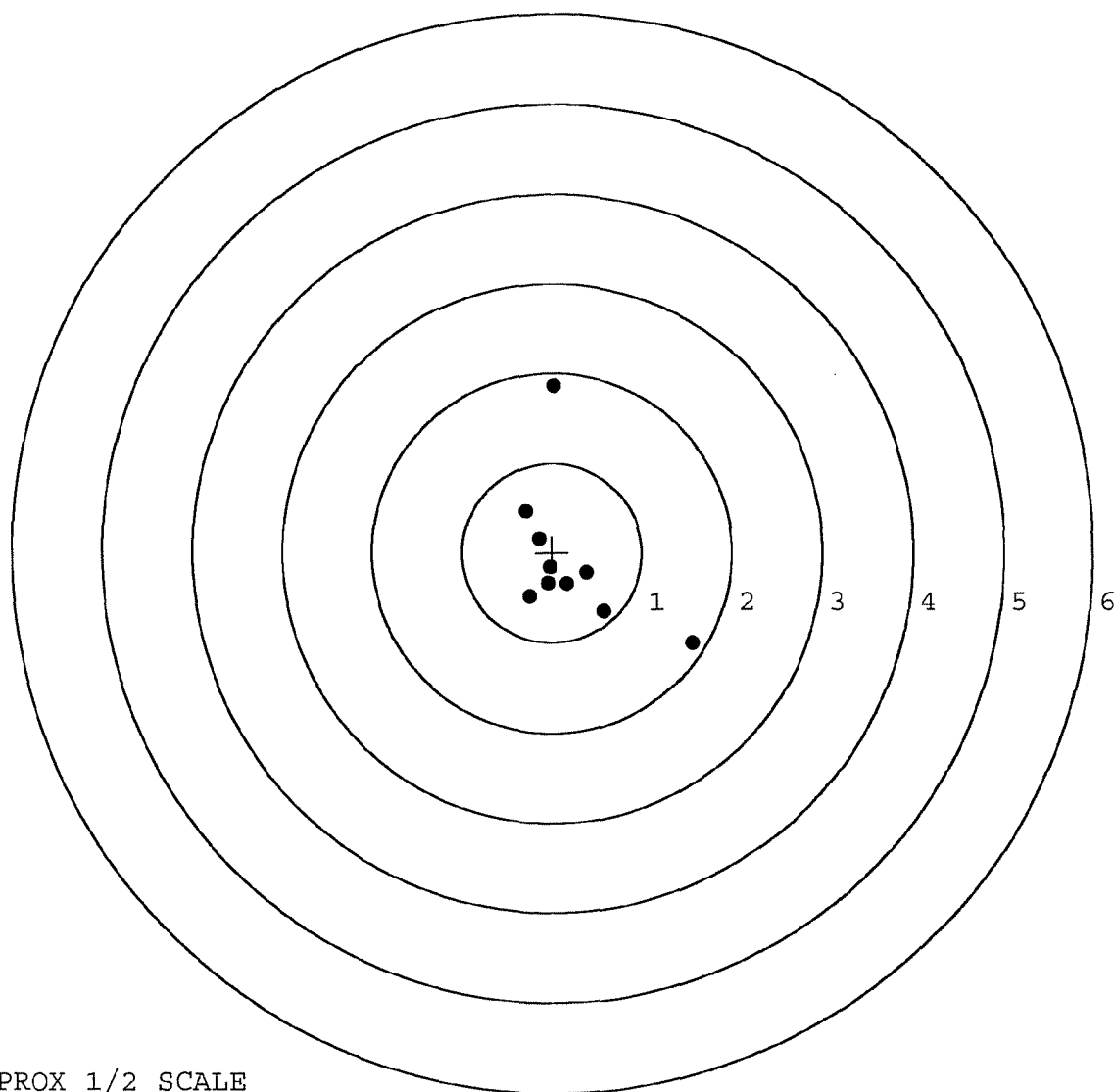
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225141. __0
TARGET NUMBER: 5
FILE DATE: 09/09/2004
FILE TIME: 08:08

X CENTROID: 0.194
Y CENTROID: -0.080
POA TO CENTROID: 0.210
HORZ SPREAD: 1.863
VERT SPREAD: 2.870
GROUP SPREAD: 3.258
MIN RADIUS: 0.236
MAX RADIUS: 1.945
MEAN RADIUS: 0.717

POINT#	X	Y
1:	1.563	-1.013
2:	0.580	-0.657
3:	0.021	1.857
4:	-0.300	0.461
5:	-0.142	0.155
6:	0.381	-0.227
7:	-0.255	-0.494
8:	-0.051	-0.351
9:	0.164	-0.359
10:	-0.023	-0.172

IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO.

DATE 8-16-04

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.18	2.23		2.35	
PULL #2	2.31	2.62		2.28	
PULL #3	2.35	2.69		2.18	
PULL #4	2.35	2.74		2.37	
PULL #5	2.35	2.63		2.37	
TOTAL	11.54	12.91		11.55	
AVERAGE	2.30	2.58		2.31	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.11	3.07		
PULL #2	3.26	3.07		
PULL #3	3.26	3.10		
PULL #4	3.10	3.08		
PULL #5	3.10	3.05		
TOTAL	15.83	15.37		
AVERAGE	3.16	3.07		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.24	4.29		4.25
PULL #2	4.46	4.34		4.32
PULL #3	4.33	4.27		4.38
PULL #4	4.28	4.32		4.22
PULL #5	4.44	4.44		4.31
TOTAL	21.75	21.66		21.48
AVERAGE	4.35	4.33		4.29

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

R & E NUMBER	83853		
SERIAL NUMBER	C6225141		
LOG-IN DATE	8-17-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL		
B	DRILL AND TAP	8-24-04	TRLW
575	ASSEMBLE MAGNA-FLUX		
600	PROOF INSPECTED		
605	CHECK HEADSPACE		
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER	8-25-04	SB
618	ROTO-BLAST	8-26-04	LB
620	APPLY COATINGS	9/2/04	HP
625 A	FINAL ASSEMBLY	9-8-04	RW
B	TRIGGER PULL TEST	9-13-04	LR
C	SAFETY "ON" FORCE	9-13-04	LR
D	SAFETY "OFF" FORCE	9-13-04	LR
E	FIRING PIN INDENT		
640	TARGET	9-9-04	TRLW
655	FINAL INSPECT		
660	PACK	9-30-04	RA
		SHIP DATE	
	QAR INSPECTION DATE		



LEUPOLD®

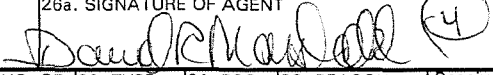
Dear Customer:

The services that have been performed on your product are explained below.

- X **Mechanical Inspection** To insure total travel for windage and elevation adjustment in your scope, we use a calibration instrument called a "Collimator." The windage and elevation adjustments were completely cycled and we have verified that they have total travel. A specialist in our service department has checked your scope for image jump and drift, loss of motion, parallax, and image quality. All tests show your scope is mechanically sound.
- Complete Internal Inspection** To return your scope to an "as new" condition, a specialist in our service department has removed all internal parts. The specialist has checked cam followers, screws, lens and pivot tube slots. After careful inspection your scope has been reassembled to an as new condition.
- X **Visual Inspection** Our experienced specialist has carefully inspected your scope for any irregularities inside and outside. This inspection includes a thorough lens inspection. Your scope was found to be completely sound and functional.

Yours truly,

L&S Technical Service Specialist

U.S. GOVERNMENT BILL OF LADING						SHIPPING ORDER	B/L NO. G-7687964				
1. TRANSPORTATION COMPANY TENDERED TO BOYLE, T F TRANSPORTATION, INC			2. SCAC BYLE		3. DATE B/L PREPARED 98.02.03		4. ROUTE ORDER/RELEASE NUMBER 7YBCAH1HTA				
5. DESTINATION (Name, address and ZIP code) REMINGTON ARMS CO., INC. 14 HOEFLER AVENUE ILION, NY 13357			6. SPLC (Dest.) 172856000		8. ORIGIN (Name, address and ZIP code) TRANSPORTATION OFFICER FORT CAMPBELL KY ATTN: AFZB-DL-TO, BLDG 873 FORT CAMPBELL, KY 42223-1294						
9. CONSIGNEE (Name, address and ZIP code of installation) REMINGTON ARMS CO., INC. 14 HOEFLER AVENUE ILION, NY 13357			7. SPLC (Orig.) 297980251		11. SHIPPER (Name, address and ZIP code) TRANSPORTATION OFFICER FORT CAMPBELL KY ATTN: AFZB-DL-TO, BLDG 873 FORT CAMPBELL, KY 42223-1294						
12. APPROPRIATION CHARGEABLE SEE DESCRIPTION OF ARTICLES			10. GBLOC (Cons.) IOOI CMAH2W		13. BILL CHARGES TO (Dept./agency, bureau/office mailing address and ZIP code) DEFENSE FINANCE AND ACCOUNTING SVC INDIANAPOLIS CENTER TRANSPORTATION OPS. (DFAS-I-THA) INDIANAPOLIS, IN 46249-0611						
14. VIA (Route shipment when advantageous to the Government)					AGENCY LOC CODE W53QRD						
15. MARKS AND ANNOTATIONS EQUIPMENT 001 DN : DUAL DRIVER PROTECTIVE SERVICE WI SM : DTTS SATELLITE MOTOR SURVEILLANCE SO : STOP-OFF IN TRANSIT (108) DUAL DRIVER PROTECTIVE SERVICE WITH NATIONAL AGENCY CHECK REQUESTED. SIGNATURE AND TALLY RECORD (DD FORM						TP:3 DDD:98.02.05 FAAT-01-8007001-01 1907) FURNISHED TO CARRIER. (111) SHIPPER TO LOAD AND CONSIGNEE TO UNLOAD. (112) FLAME OR HEAT PRODUCING TOOLS WILL SEE DESCRIPTION OF ARTICLES					
16. PACKAGES		17. HM	18. DESCRIPTION OF ARTICLES (Use carrier's classification or tariff description if possible; otherwise use a clear nontechnical description)			19. WEIGHT* (Pounds only)		FOR USE OF BILLING CARRIER ONLY			
NO.	KIND							Services	Rate		
4	PT		CLASSIFICATION ITEM NO. 069300 THIS BL CONSISTS OF 5 PAGES FAK (SEE MFTRP 1A FOR CARGO LIABILITY) TOT QTY:1070 P CU:145.8 SEE CONTINUATION SHEET FOR DETAILS			1070					
								TOTAL CHARGES			
20. TARIFF/SPECIAL RATE AUTHORITY BYLE 002310-00			21. PICKUP SERV. FURNISHED ☐ YES VEHICLE FULLY LOADED ☐ YES		SHIPPER'S INITIALS		22. CARRIER WAY/FREIGHT BILL NO. AND DATE 49871. ILLINOIS, NY				
23. STOP THIS SHIPMENT AT SEE CONTINUATION SHEET FOR:			24. FURNISH INFORMATION ON CAR/TRUCKLOAD/CONTAINER SHIPMENTS								
			INITIALS & NO.		SEAL NUMBERS		LENGTH/CUBE		MARKED CAPACITY		
			BYLE:4803		1011228		ORDERED FURNISHED		ORDERED FURNISHED		
					APPLIED BY: SHIPPER				98.02.03		
25. CARRIER'S PICKUP DATE (Year, month, & day) 98.02.03			26a. SIGNATURE OF AGENT 				26b. PER BYLE		B/L NUMBER G-7687964		
27. MODE B	28. ESTIMATE 2227	29. NO. OF CLS/TLS 1	30. TYPE RATE 1	31. PSC DN :S	32. REASON 13:156						
Received by the transportation company named above, subject to the regulations published in Title 41, Part 101-41 Of the federal regulations, the property hereinafter described, in apparent good order and condition (contents and value unknown), to be forwarded to destination by the said company and connecting lines, there to be delivered in like good order and condition to said consignee.											
FOR USE OF ISSUING OFFICE						IMPORTANT					
33a. ISSUING OFFICE (Name and complete address) TRANSPORTATION OFFICER FORT CAMPBELL KY ATTN: AFZB-DL-TO, BLDG 873 FORT CAMPBELL, KY 42223-1294						33b. GBLOC FAAT					
33c. ISSUING OFFICER MICHAEL F. BOWERS, CHIEF, ITO						33e. DATED					
33d. CONTRACT/PURCHASE ORDER NO. OR OTHER AUTHORITY											
33f. FOB POINT NAMED IN CONTRACT											
						- THE ORIGIN CARRIER OR ITS AGENT IS TO RECEIVE: U.S. Government Bill of Lading-Original, SF 1103 This Shipping Order, SF 1104 U.S. Government Freight Waybill-Original, SF 1105 U.S. Government Freight Waybill-Carrier's Copy, SF 1106 - THE ORIGIN CARRIER OR ITS AGENT IS NOT TO RECEIVE THE CONSIGNEE'S MEMORANDUM COPY, SF 1103-B.					

*Show also cubic measurements for shipments via air, truck or water carrier in cases where required.

1104-121-01

PINK

STANDARD FORM 1104-EP (EFF. 6/96)
PRESCRIBED BY GSA, FPMR (41 CFR) 101-41.3

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

M2400049946

U.S. GOVERNMENT BILL OF LADING CONTINUATION SHEET

SHIPPING
ORDER

B/L
NO. **G-7687964**
SHEET NO. **5 OF 5**

(This form is to be used as a continuation sheet for SF 1104, U.S. Government Bill of Lading- Shipping Order, or SF 1204, U.S. Government Bill of Lading - Privately Owned Personal Property- Shipping Order.)

ISSUING OFFICE (Name and complete address)

TRANSPORTATION OFFICER
FORT CAMPBELL KY
ATTN: AFZB-DL-TO, BLDG 873
FORT CAMPBELL, KY 42223-1294

TRANSPORTATION COMPANY TENDERED TO

BOYLE, T F

FROM (Shipping Point)

W34GNA
297980251

WAYBILL DATE

WAYBILL NUMBER

PACKAGES		HM	DESCRIPTION OF ARTICLES (Use carrier's classification or tariff description if possible; otherwise use a clear nontechnical description.)	WEIGHT* (Pounds only)	FOR USE OF BILLING CARRIER ONLY		
NO.	KIND				SERVICES	RATE	CHARGES
1	PT		FINAL DESTINATION <i>ILHCO N.Y.</i> TCN: W34QTQ80153700XXX CU:31.0 FUND CITE/TAC: CSAD COMMODITY: 999913 RIFLE, SNIPER M24 SWS NSN: 1005-01-240-2136 APPRO: 21 820200000076020204200000022NLO 15056 CSAD00GBL	250			
1	PT		FINAL DEST TOTALS (UNLOADING) CU:31.0 =====	250			
			MARKS & ANNOTATIONS: NOT BE USED TO REMOVE SECURITY DEVICES. (114) CARRIER TO NOTIFY CONSIGNEE REMINGTON ARMS (DUTY PHONE (315) 894-9961 AV-835-3369, NON-DUTY PHONE (757) 878-5006) AND CONSIGNOR TRANSPORTATION OFFICER, FT CAMPBELL (DUTY PHONE (502) 798-7154 AV-635-7154, NON-DUTY PHONE (502) 798-9793) IMMEDIATELY IF SHIPMENT IS DELAYED EN ROUTE BECAUSE OF AN ACCIDENT OR INCIDENT. IF NEITHER CAN BE REACHED, CONTACT MTMC EASTERN AREA AT HOTLINE (800) 524-0331. USE HOTLINE NUMBER TO OBTAIN SAFE HAVEN OR REFUGE INSTRUCTIONS IN THE EVENT OF A CIVIL DISORDER, NATURAL DISASTER, CARRIER STRIKE OR OTHER EMERGENCY. (337) SATELLITE MOTOR SURVEILLANCE SERVICE (SM) REQUESTED. IN EVENT OF SYSTEM FAILURE, DRIVER MUST IMMEDIATELY NOTIFY THE MOTOR CARRIER'S DISPATCHER WHO WILL IMMEDIATELY NOTIFY DTTS AT 1-(800)-826-0794. THE DRIVER MUST SUBSEQUENTLY PROVIDE DTTS A TELEPHONIC LOCATION/STATUS REPORT EVERY FOUR (4) HOURS, WITH A FINAL TELEPHONIC REPORT UPON DELIVERY AT DESTINATION. (367) THIS SHIPMENT MUST NOT BE TRANSPORTED IN TRIP-LEASED EQUIPMENT. THIS IS A DTTS SHIPMENT! =====				
			BLOCK 24 EQUIPMENT DESCRIPTION CONT.: TRACTOR: 133				

*Show also cubic measurements for shipments via air, truck or water carrier in cases where required.

1110-114

PINK

STANDARD FORM 1110, (REV. 4-85)
PRESCRIBED BY GSA, FPMR(41 CFR) 101-41.3

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400049947

U.S. GOVERNMENT BILL OF LADING CONTINUATION SHEET

SHIPPING
ORDER

B/L
NO.

G-7687964

SHEET NO.

2 OF 5

(This form is to be used as a continuation sheet for SF 1104, U.S. Government Bill of Lading- Shipping Order, or SF 1204, U.S. Government Bill of Lading - Privately Owned Personal Property- Shipping Order.)

ISSUING OFFICE (Name and complete address)

TRANSPORTATION OFFICER
FORT CAMPBELL KY
ATTN: AFZB-DL-TO, BLDG 873
FORT CAMPBELL, KY 42223-1294

TRANSPORTATION COMPANY TENDERED TO

BOYLE, T F

FROM(Shipping Point)

W34GNA
297980251

WAYBILL DATE

WAYBILL NUMBER

PACKAGES		HM	DESCRIPTION OF ARTICLES (Use carrier's classification or tariff description if possible; otherwise use a clear nontechnical description.)	WEIGHT* (Pounds only)	FOR USE OF BILLING CARRIER ONLY		
NO.	KIND				SERVICES	RATE	CHARGES
1	PT		STOP-OFF: 01 (UNLOADING) TRANSPORTATION OFFICER NEW CUMBERLAND ARMY DEPOT ATTN: SDSNC-TT NEW CUMBERLAND, PA 17070-5001 SPLC: 209405250 CALL FOR A DELIVERY APPOINTMENT 24 HOURS IN ADVANCE CALL FOR AN APPINTMENT FOR DELIVERY, PH: (717)770-6969 OR 7172. DELIVER ONLY THRU SOUTH GATE RECEIVING HOURS 0715 TO 1400 HOURS TCN: W34QS673093103XXX CU:33.0 FUND CITE/TAC: CSAD DIM: 0051L0043W0026H COMMODITY: 999913 NSN: 5855-01-398-4315 APPRO: 21 820200000076020204200000022NLO 15056 CSAD00GBL	250			
1	PT		STOP-OFF 01 TOTALS (UNLOADING)CU:33.0 RECEIVED BY: _____ DATE.....: _____	250			

*Show also cubic measurements for shipments via air, truck or water carrier in cases where required.

1110-114

PINK

STANDARD FORM 1110, (REV. 4-85)
PRESCRIBED BY GSA, FPMR(41 CFR) 101-41.3

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400049948

U.S. GOVERNMENT BILL OF LADING CONTINUATION SHEET

SHIPPING
ORDER

B/L
NO.

G-7687964

SHEET NO.

3 OF 5

(This form is to be used as a continuation sheet for SF 1104, U.S. Government Bill of Lading- Shipping Order, or SF 1204, U.S. Government Bill of Lading - Privately Owned Personal Property- Shipping Order.)

ISSUING OFFICE (Name and complete address)

TRANSPORTATION OFFICER
FORT CAMPBELL KY
ATTN: AFZB-DL-TO, BLDG 873
FORT CAMPBELL, KY 42223-1294

TRANSPORTATION COMPANY TENDERED TO

BOYLE, T F

FROM (Shipping Point)

W34GNA
297980251

WAYBILL DATE

WAYBILL NUMBER

PACKAGES		HM	DESCRIPTION OF ARTICLES (Use carrier's classification or tariff description if possible; otherwise use a clear nontechnical description.)	WEIGHT* (Pounds only)	FOR USE OF BILLING CARRIER ONLY		
NO.	KIND				SERVICES	RATE	CHARGES
1	PT		STOP-OFF: 02 (UNLOADING) COMSEC SUPPORT TOBYHANNA ARMY DEPOT BLDG 73, 11 MIDWAY RD TOBYHANNA, PA 18466-5110 SPLC: 202230270 TCN: W34XC572930302XXX CU:43.8 FUND CITE/TAC: CSAD DIM: 0050L0042W0036H COMMODITY: 999913 TSEC/KG-84A NSN: 5810-01-146-3260 APPRO: 21 820200000076020204200000022NLO 15056 CSAD00GBL SN: 113794, 116757, 73368, 114715, 114899, 116745	300			
1	PT		STOP-OFF 02 TOTALS (UNLOADING)CU:43.8 RECEIVED BY: _____ DATE.....: _____	300			

*Show also cubic measurements for shipments via air, truck or water carrier in cases where required.

1110-114

PINK

STANDARD FORM 1110, (REV. 4-85)
PRESCRIBED BY GSA, FPMR(41 CFR) 101-41.3

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400049949

U.S. GOVERNMENT BILL OF LADING CONTINUATION SHEET

SHIPPING
ORDER

B/L
NO.

G-7687964

SHEET NO.

4 OF 5

(This form is to be used as a continuation sheet for SF 1104, U.S. Government Bill of Lading- Shipping Order, or SF 1204, U.S. Government Bill of Lading - Privately Owned Personal Property- Shipping Order.)

ISSUING OFFICE (Name and complete address)

TRANSPORTATION OFFICER
FORT CAMPBELL KY
ATTN: AFZB-DL-TO, BLDG 873
FORT CAMPBELL, KY 42223-1294

TRANSPORTATION COMPANY TENDERED TO

BOYLE, T F

FROM (Shipping Point)

W34GNA
297980251

WAYBILL DATE

WAYBILL NUMBER

PACKAGES		HM	DESCRIPTION OF ARTICLES (Use carrier's classification or tariff description if possible; otherwise use a clear nontechnical description.)	WEIGHT* (Pounds only)	FOR USE OF BILLING CARRIER ONLY		
NO.	KIND				SERVICES	RATE	CHARGES
1	PT		STOP-OFF: 03 (UNLOADING) TRANSPORTATION OFFICER DEF DISTRIBUTION DEPOT TOBYHANNA 11 MIDWAY ROAD, BLDG 1C, BAY 6 REC TOBYHANNA, PA 18466-5092 SPLC: 202230250 CARRIER MUST PHONE (717)895-7354 TO SCHEDULE A DELIVERY APPOINTMENT TCN: W34XC573490525XXX CU:38.0 FUND CITE/TAC: CSAD COMMODITY: 999913 NSN: 5820-01-318-7990 APPRO: 21 820200000076020204200000022NLO 15056 CSAD00GBL	270			
1	PT		STOP-OFF 03 TOTALS (UNLOADING)CU:38.0 RECEIVED BY: _____ DATE.....: _____	270			

* Show also cubic measurements for shipments via air, truck or water carrier in cases where required.

1110-114

PINK

STANDARD FORM 1110, (REV. 4-85)
PRESCRIBED BY GSA, FPMR(41 CFR) 101-41.3

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400049950

SIGNATURE AND TALLY RECORD

FORM APPROVED
OMB No. 0702-0027
Expires Oct 31, 1988

DISTRIBUTION INSTRUCTIONS

- * The SHIPPER will prepare copies 1 through 4, retain copy 4 and deliver copies 1 through 3 to the Origin Carrier.
- * The CARRIER will deliver copies 1 through 3 to the Destination Carrier.
- * The DESTINATION CARRIER will attach copy 1 (reflecting all signatures) and Standard Form 1113 (Public Voucher for Transportation Charges) to the original Government Bill of Lading, and forward for payment. Copy 2 will be delivered to the Consignee. Copy 3 will be retained.
- * The CONSIGNEE will ensure Destination Carrier surrenders copy 2.

49871

SECTION A - To be completed by the SHIPPER

1. SHIPPER		2. PROTECTIVE SERVICE REQUESTED	
a. NAME FORT CAMPBELL KY W34GNA		DN DUAL DRIVER PROTECTIVE SERVICE WITH NAC SM DTTS SATELLITE MOTOR SURVEILLANCE SERVICE	
b. ORIGIN TRANSPORTATION OFFICER FORT CAMPBELL KY ATTN: AFZB-DL-TO, BLDG 873 FORT CAMPBELL, KY 42223-1294		3. GBL OR CBL NUMBER G-7687964	
4. CONSIGNEE		5. PERMIT NUMBER (if any)	
a. NAME REMINGTON ARMS CO CMAH2W			
b. DESTINATION REMINGTON ARMS CO., INC. 14 HOEFLER AVENUE ILION, NY 13357		6. TRANSPORTATION CONTROL NUMBER (FAAT-01-8007001 -01) W34QTQ80153700XXX	
7. ROUTING BOYLE, T F TRANSPORTATION, INC		8. WEIGHT 250 POUNDS	9. CUBE 31.0
10. SPECIAL INSTRUCTIONS		11. DATE SHIPMENT TENDERED TO CARRIER 98.02.03	12. NAME OF CARRIER BYLE
13. NUMBER OF PIECES 1	14. TYPE OF PACKAGE(S) (For unsealed loads only) OR CONVEYANCE IDENTIFICATION & SEAL NUMBERS (for sealed loads only) PT X	15. FREIGHT CLASSIFICATION DESCRIPTION 069300 FIREARMS OR PARTS, NOI, IN BOXES, SEE NOTE, ITEM 63302	

SECTION B - To be completed by each person accepting custody of classified or protected material requiring the use of transportation protective service during transit.

16. CUSTODY RECORD				
a. PRINT NAME OF PERSON AND COMPANY REPRESENTED	b. STATION INTERCHANGE POINT DESTINATION	c. SIGNATURE OF PERSON ACCEPTING CUSTODY	d. TIME ACCEPTED	e. DATE ACCEPTED
DAVID R MARSHALL ^{Boyle}	FORT CAMPBELL KY	<i>David R Marshall</i>	0800	2-3-98
SHARON M MARSHALL ^{Boyle}	XXXX FORT CAMPBELL KY	<i>Sharon M Marshall</i>	0800	2-3-98
DONNA O'CONNOR	Bloomfield, IN	<i>D.O.C.</i>	13:30	02/03/98
C L Magruder	"	<i>C L Magruder</i>	14:30	2/8/98
ML Magruder	"	<i>ML Magruder</i>	14:30	2/8/98
Dale Huckabone	Remington Arms	<i>Dale Huckabone</i>	6:12	2/9/98

1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36		37		38		39		40		41		42		43		44		45		46		47		48		49		50		51		52		53		54		55		56		57		58		59		60		61		62		63		64		65		66		67		68		69		70		71		72		73		74		75		76		77		78		79		80	
DOC. IDENT.		RI FROM		M AS		FSC		STOCK NUMBER		NIN		ADD		U I S U E		QUANTITY		DOCUMENT NUMBER		REQUISITIONER		DATE		SERIAL		SUPPLEMENTARY ADDRESS		S I G N A		F U N D		DISTRIBUTION		PROJ-ECT		P R I V		REQ'D DEL DATE		A D V I C E		RI		UNIT PRICE		DOLLARS		CTS.																																																																																																															
AZAAW3						1005-01-240-2136		1005-01-240-2136						000003		W34QTQ-8015-3700		CMAB2W MGA																		03										5145.00																																																																																																																	
SHIPPED FROM										SHIP TO										MARK FOR										PROJECT										TOTAL PRICE																																																																																																																							
CONSOL. PROPERTY ACCOUNT FT CAMPBELL, KY 42223-5000										REMINGTON ARMS CO, INC. 14 HOFFLER AVENUE ILTON, N.Y. 13357-1826																														DOLLARS										CTS.																																																																																																													
WAREHOUSE LOCATION										TYPE OF CARGO		UNIT PACK		UNIT WEIGHT		UNIT CUBE		UFC		NMFC		FREIGHT RATE		DOCUMENT DATE		MAT COND		QUANTITY																																																																																																																																			
F										G		H		I		J		K		L		M		N		O		P		Q		R		S																																																																																																																													
SUBSTITUTE DATA (ITEM ORIGINALLY REQUESTED)										FREIGHT CLASSIFICATION NOMENCLATURE																																																																																																																																																					
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										ITEM NOMENCLATURE																																																																																																																																																					
W										X										RIFLE, SNIPER M24 SWS										SER NR: C6225141, C6225064, C6225198																																																																																																																																	
SELECTED BY AND DATE										TYPE OF CONTAINER(S)										TOTAL WEIGHT										RECEIVED BY AND DATE										INSPECTED BY AND DATE																																																																																																																							
										BOXES										250																																																																																																																																											
PACKED BY AND DATE										NO. OF CONTAINER(S)										TOTAL CUBE										WAREHOUSED BY AND DATE										WAREHOUSE LOCATION																																																																																																																							
										1- PT.										30.7																																																																																																																																											
REMARKS										RETURNED FOR REPAIR										PLEASE RETURN WEAPONS TO										TRANS OFFICER, CRP, BLDG 5207, FT CAMPBELL, KY																																																																																																																																	
AA										BB										CC										DD										EE																																																																																																																							
FIRST DESTINATION ADDRESS										DATE SHIPPED																																																																																																																																																					
11										12										FF										GG																																																																																																																																	
13 TRANSPORTATION CHARGEABLE TO										14 B/LADING, AWB, OR RECEIVER'S SIGNATURE (AND DATE)										15 RECEIVER'S DOCUMENT NUMBER																																																																																																																																											
STATION FUNDS																																																																																																																																																															

DD Form 1348-1, JUL 91

PREVIOUS EDITION MAY BE USED

DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT

M2400049952

M2400049953



DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225141
3 Mar 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0836
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .7826
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .787053

THE AMR FOR THIS RIFLE IS: 1.187

CENTROIDAL DISTANCES

0	TO	1	1.03921
1	TO	2	.584572
1	TO	3	.202625
1	TO	4	.327666
1	TO	5	.357237

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

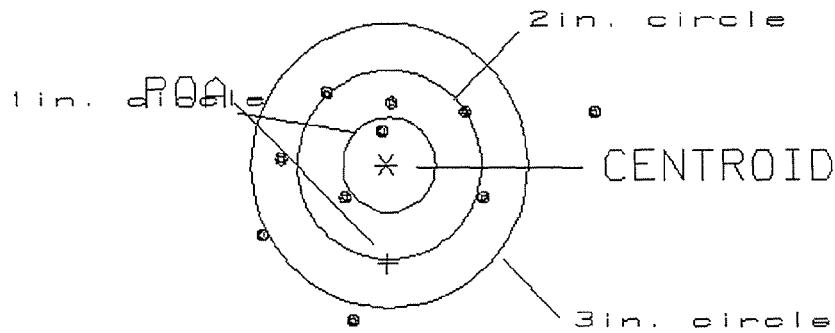
PATTERN #: ☐ 1 ☐

POA TO CENTROID: 1.039
 MIN RADIUS : .339
 MEAN RADIUS : 1.158
 MAX RADIUS : 2.336
 CENTROID X : -.021
 CENTROID Y : 1.039

3 Mar 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225141

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.62

1

US= 2.41

4

GS= 3.86

7

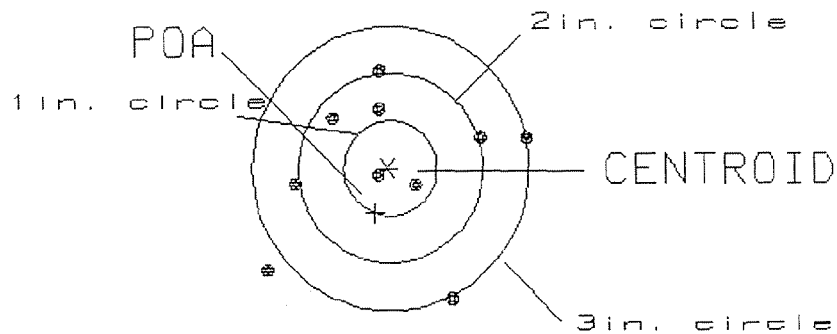
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .491
 MIN RADIUS : .119
 MEAN RADIUS : .975
 MAX RADIUS : 1.671
 CENTROID X : .129
 CENTROID Y : .474

3 Mar 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/06225141

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.80

2

VS= 2.36

4

GS= 3.14

7

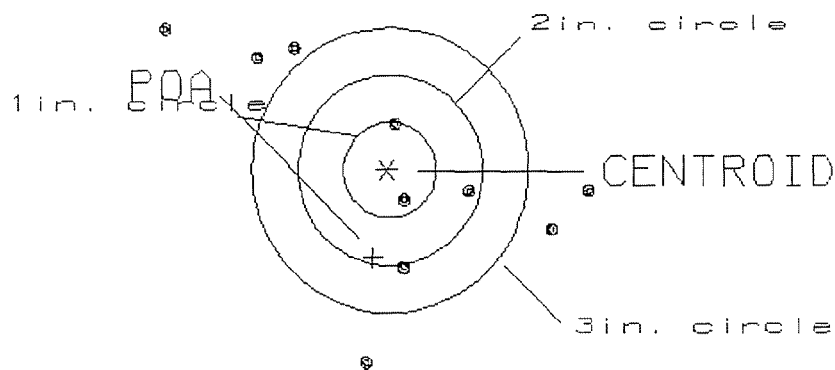
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .931
 MIN RADIUS : .332
 MEAN RADIUS : 1.517
 MAX RADIUS : 2.808
 CENTROID X : .143
 CENTROID Y : .920

3 Mar 1998

FILE://Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225141

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 4.61
 VS= 3.42
 GS= 4.89

1
 3
 4

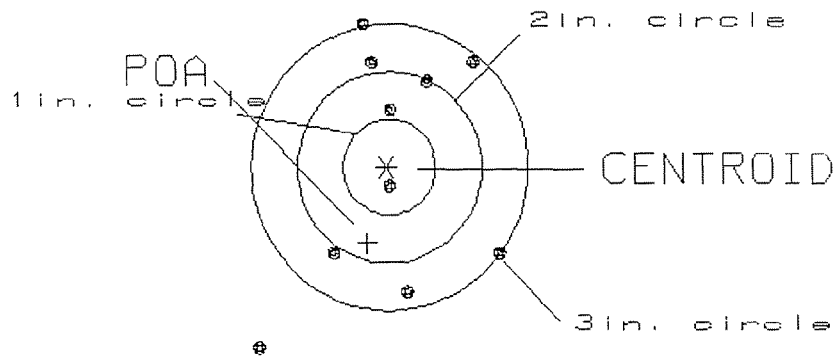
PATTERN #: ☐ 4 ☐

POA TO CENTROID: .823
 MIN RADIUS : .195
 MEAN RADIUS : 1.210
 MAX RADIUS : 2.371
 CENTROID X : .201
 CENTROID Y : .798

3 Mar 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225141

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.54

1

VS= 3.43

3

GS= 3.77

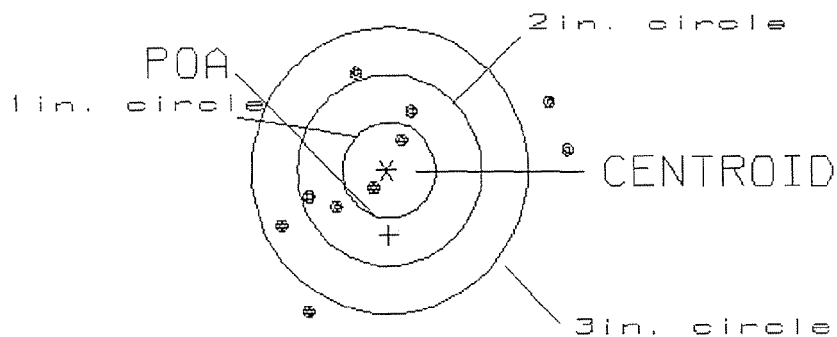
8

PATTERN #: 050
 POA TO CENTROID: .682
 MIN RADIUS : .256
 MEAN RADIUS : 1.075
 MAX RADIUS : 1.924
 CENTROID X : -.034
 CENTROID Y : .682

3 Mar 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/06225141

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.09

2

VS= 2.53

5

GS= 3.47

7

Remington Test Lab, Ilion, N.Y.

5141

Centroidal distance calculations for Rifle # C6225151
2 Mar 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .016
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.2218
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.2219

THE AMR FOR THIS RIFLE IS: 1.407

CENTROIDAL DISTANCES

0 TO	1	1.4797
1 TO	2	.482236
1 TO	3	.511489
1 TO	4	.350043
1 TO	5	.716303

5 1
 2⁴
 3

+ <----POA

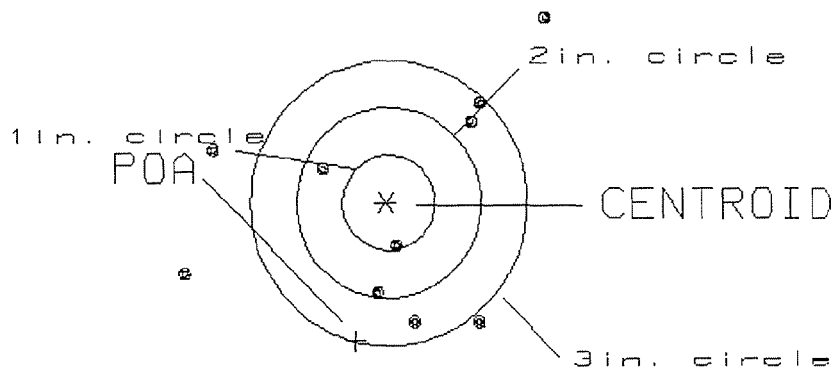
PATTERN #: 1

POA TO CENTROID: 1.479
 MIN RADIUS : .456
 MEAN RADIUS : 1.450
 MAX RADIUS : 2.557
 CENTROID X : .314
 CENTROID Y : 1.446

2 Mar 1998

FILE:/Hp/basic/Accuracy/Patterning/Centerfire_Patt/CG225151

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.94
 VS= 3.16
 GS= 4.74

1
 3
 6

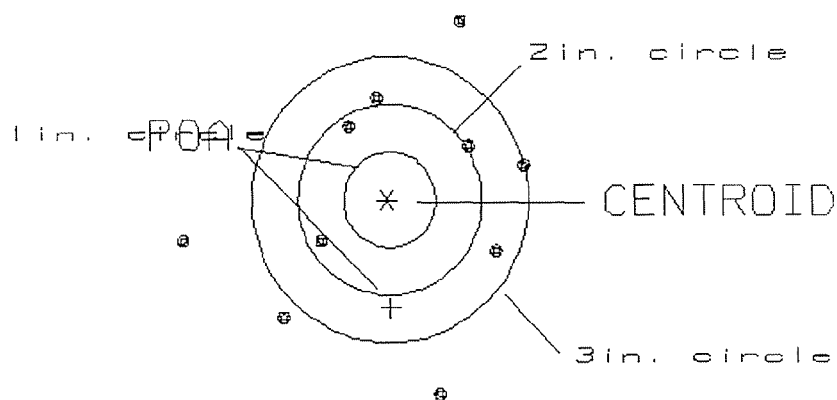
PATTERN #: [2]

POA TO CENTROID: 1.133
 MIN RADIUS : .807
 MEAN RADIUS : 1.482
 MAX RADIUS : 2.322
 CENTROID X : -.052
 CENTROID Y : 1.132

2 Mar 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225151

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.79

0

VS= 3.99

2

GS= 3.99

5

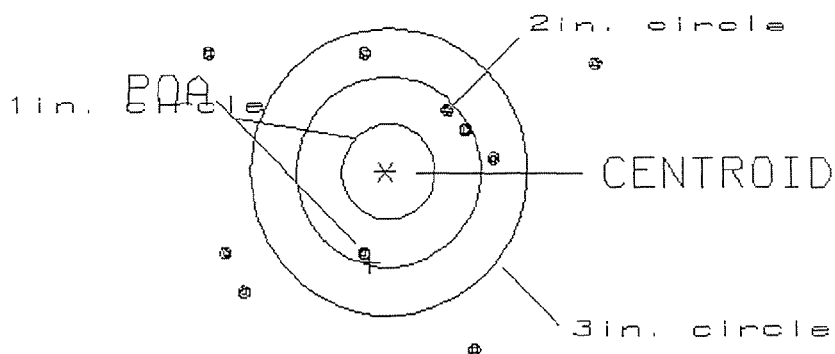
PATTERN #: 3

POA TO CENTROID: .970
 MIN RADIUS : .869
 MEAN RADIUS : 1.609
 MAX RADIUS : 2.486
 CENTROID X : .164
 CENTROID Y : .957

2 Mar 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225151

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 4.23

0

VS= 3.12

3

GS= 4.47

5

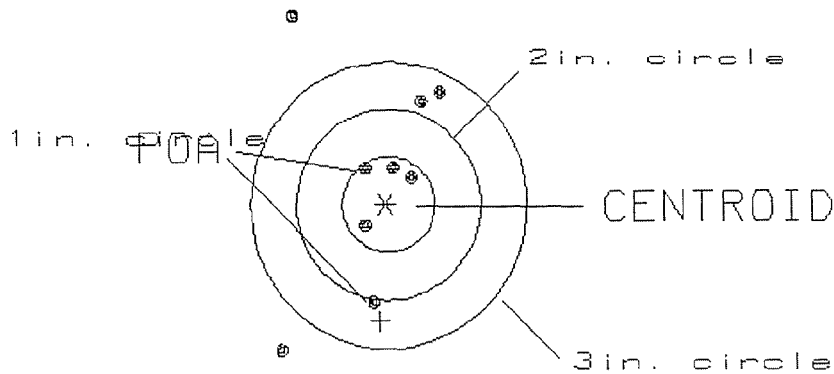
PATTERN #: ☐ 4 ☐

POA TO CENTROID: 1.216
 MIN RADIUS : .337
 MEAN RADIUS : 1.233
 MAX RADIUS : 3.155
 CENTROID X : .051
 CENTROID Y : 1.215

2 Mar 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/CG225151

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.97

4

VS= 4.56

4

GS= 5.34

7

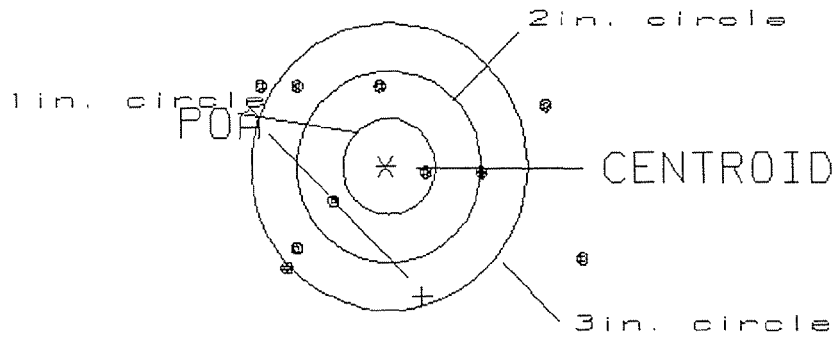
PATTERN #: ☐ 5 ☐

POA TO CENTROID: 1.415
 MIN RADIUS : .377
 MEAN RADIUS : 1.271
 MAX RADIUS : 2.293
 CENTROID X : -.397
 CENTROID Y : 1.359

2 Mar 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225151

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.48

1

VS= 1.90

4

GS= 3.90

6

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 93-07313

INITIAL CUSTOMER ORDER NO.

WOG 2 OF 3 W/BI-POD GUNS PAINTED

DATE RECEIVED 03/17/93	DATE OPENED 03/15/93	DATE CODE LJ 2-89	SERIAL NUMBER C6225141	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO
ACCESSORIES SLING STRAP W/STUDS		W/SWIVELS		HARD CASE	SCOPE MNTS
W/SCOPE BASE					

FROM:

SHIP TO:

COMMANDER
HHC 3BN 502 PIR
ATTN SGT ENTWHISTLE
FT CAMPBELL

KY 42223

COMMANDER
HHC 3BN 502 PIR
ATTN SGT ENTWHISTLE
FT CAMPBELL

KY 42223

CUST NO: 076506 C.O.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

Check, Clean & Repair

PARTS	COMMENTS
Barrel 1 96003	Re zinc. Scope Base, Scope Rings, Swivels & Swivel Studs. Re powder Coat Floor plate latch, Trigger Guard, Front & Rear Sight Bases.
	Return Scope to Vendor for Repair.
	SN-89-0101
REPAIRMAN	PROOF
CLEAN	TEST
TARGET	PATTERN
GALLERY TESTER	DATE
DATE	DATE
DATE	DATE
DATE	DATE

OFFICE COPY

RD6925 REV. 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400049966

MAINTENANCE REQUEST				PAGE OF 		REQUIREMENTS CONTROL SYMBOL CSGLD - 1047		CONTROL NUMBER																	
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG																									
SECTION I - CUSTOMER DATA					SECTION II - MAINTENANCE ACTIVITY DATA																				
1a. WORK ORDER NO.		b. CUSTOMER UNIT NAME		c. PHONE NO.		3a. WORK ORDER NO (WON)		b. SHOP		c. PHONE NO.															
		HHC 3-502		55716																					
2. If Intransit Customer, enter data in Blocks 2a and 2b		2a. SAMS-2 UIC		b. UTILIZATION CODE		4a. UIC SUPPORT		b. SUPPORT UNIT NAME																	
SECTION III - EQUIPMENT DATA																									
5. ID		6. NSN																							
		11010151011-1214101-12111316																							
7. TYPE MNT. REQ. CODE		8. MODEL																							
		M24																							
9. NOUN																									
Sniper Weapon System																									
10a. ORG WON				b. EIC																					
11. SERIAL NUMBER				b. QTY.				13. PD																	
C102121511411																									
24. Describe Deficiencies or Symptoms on the basis of Complete Checkout and Diagnostic Procedure in Equipment TM (Do not prescribe repairs.)																									
See attached sheet																									
15. FAILURE DETECTED DURING (Select one - use / or X)																									
☒ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☐ D Normal Op ☐ F Inspection ☐ H Other ☐ I Calibration																									
16a. MILES/KILOMETERS (Enter or x)				b. HOURS				c. ROUNDS																	
MI KM																									
d. LANDINGS				e. AUTO ROTATIONS				17. PROJ. CODE (If Assigned)		18. ACCT. PROCESSING CODE															
19. IN WARRANTY? (Y or N)				20. LEVEL OF WORK (Select one - use / or X)																					
Y				☐ O Unit Level ☐ H Intermediate General Spt. ☒ I Special Repair Activity ☐ F Immediate Direct Spt. ☐ D Depot																					
21. BUMPER NO/TAIL NO.				22. REIMBURSABLE CUSTOMER? (If Intransit Customer, enter Y or N)																					
23. PD AUTHENTICATION SIGNATURE (Payroll Signature)																									
SECTION IV - REPORTABLE DATA																									
25a. STA		b. ORD DATE		c. MIL TIME		a. STA		b. ORD DATE		c. MIL TIME		26. TECHNICAL REFERENCES													
SECTION V - TASK REQUIREMENTS DATA																									
27a. FILE IN-PUT CD.		b. TASK NO.		c. ACT. RQD.		d. TASK DESCRIPTION				e. QTY. TO BE RPR		f. WORK CENTER		g. FAILURE CODE		h. MH RMN/PROJ									
SECTION VI - PART REQUIREMENTS																									
28a. FILE IN-PUT CD.		b. TASK NO.		c. ID		d. RQD NSN OR PART NO.				e. SFX CD		f. QTY. REQUIRED		g. QTY. ISSUED		h. NM CS		i. FAILURE CODE		j. STORAGE LOCATION		k. NOUN/INIT.			
SECTION VII - COMPLETION DATA																									
29. QTY. RPR				30. QTY. CONDEMN.				31. QTY. NRTS				32. EVAC WON				33. EVAC UNIT NAME									
SECTION VIII - ACTION SIGNATURES																									
34a. SUBMITTED BY				35a. ACCEPTED BY				36a. WORK STARTED BY				37a. INSPECTED BY				38a. PICKED UP BY									
b. ORD DATE		b. ST		c. ORD DATE		d. MIL TIME		b. ST		c. ORD DATE		d. MIL TIME		b. ST		c. ORD DATE		d. MIL TIME		b. ST		c. ORD DATE		d. MIL TIME	
913101413				913101413																					

DA FORM 5504, SEP 88

Block 24 continuance, ref: M24 SWS C6225141

1. Bolt operation binds

2. request

- complete services
- bench test firing depth and spread tolerances
- estimate remaining barrel life
- inspect bore
- calibrate M3A scope
- inspect locking mechanism and bolt face
- inspect all factory tolerances
- inspect components for hairline cracks and deficiencies due to extreme environmental conditions (southwest asia) and operator abuse

GFM

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C6225141

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/22/93	RW
600	Proof		3/22/93	RW
607	Check Headspace		3/22/93	RW
610	Dis-assemble Gun		3/22/93	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/1/93	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/1/93	RW
	C) Inspect Ejector Hole for Chamfer		4/1/93	RW
	D) Oil Firing Pin Ass'y		4/1/93	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

Op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force			
	G) Safety Off Force			
	H) Trigger Pull Test & Retainability			
	I) Firing Pin Indent			
	J) Assemble Stock		4/1/93	RW
	K) Assemble Swivel Studs			
	L) Attach Front and Rear Sight Assemblies			
	M) Iron Sight Alignment			
	N) Detach Front & Rear Sights & place in numbered container			
	O) Attach Scope to Rifle			
	P) Detach & Attach Scope 20 Times			
640	Gallery Target & Test		4/2/93	RW
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		4/2/93	RW
655	Final Inspection			
	A) Headspace		4/3/93	RW
	B) Trigger Pull			
	C) Function		4/2/93	RW
660	Pack			

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225141
3 Apr 1993

CENTROIDAL DISTANCES

0 TO	1	.368803
1 TO	2	.711966
1 TO	3	.434504
1 TO	4	.709415
1 TO	5	.545326

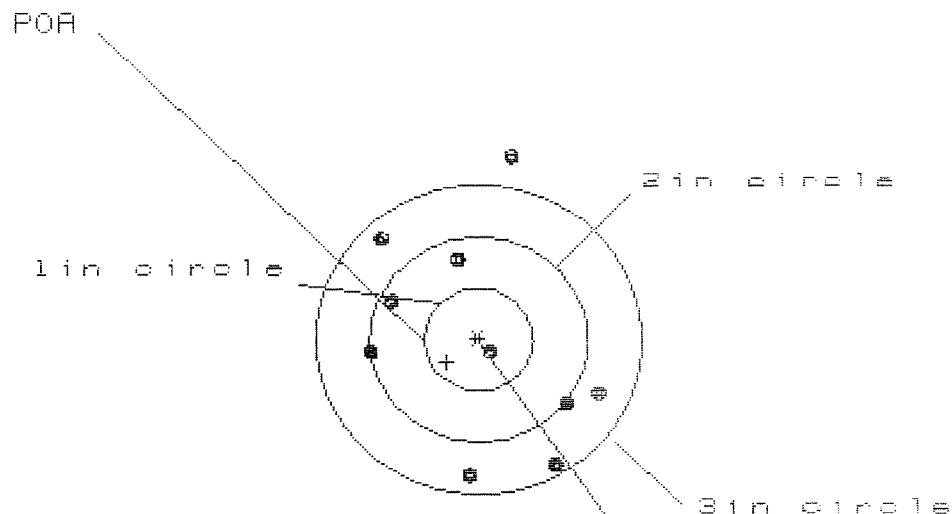
$\frac{4}{3}L$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0478
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0808
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0938801
THE AMR FOR THIS RIFLE IS: .9366

3 Apr 1993

FILE:/PATTERNING/CENTERFIRE_PATT/06225141

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 6

HS= 2.068

VS= 3.043

GS= 3.062

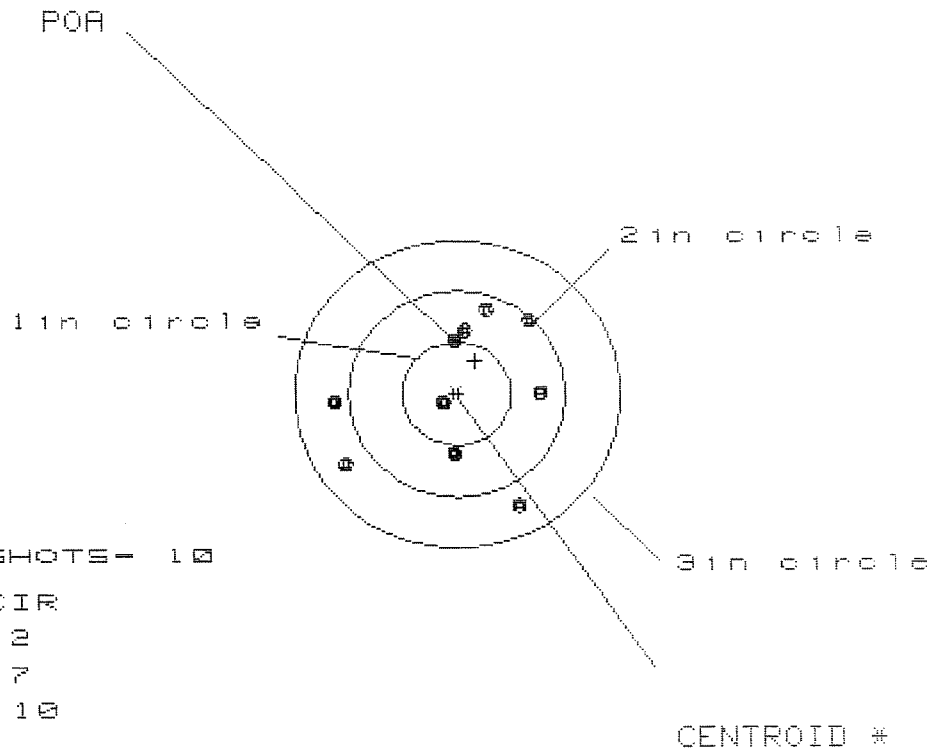
CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.058	1.090	1.177
MINIMUM X	:	-1.010	-0.978	-0.890
MAXIMUM Y	:	1.747	1.212	1.078
MINIMUM Y	:	-1.296	-1.101	-1.235
CENTROID X	:	.296	.265	.177
CENTROID Y	:	.220	.025	.159
POA TO CENTROID in.	:	.369	.266	.238
MIN RADIUS	:	.191	.200	.277
MEAN RADIUS	:	1.095	1.008	.967
MAX RADIUS	:	1.770	1.481	1.322
HORIZONTAL SPREAD	:	2.068	2.068	2.068
VERTICAL SPREAD	:	3.043	2.313	2.313
EXTREME SPREAD	:	3.062	2.758	2.470
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	6		

3 Apr 1993

FILE:/PATTERNING/CENTERFIRE_PATT/08225141

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 1.961

VS= 1.932

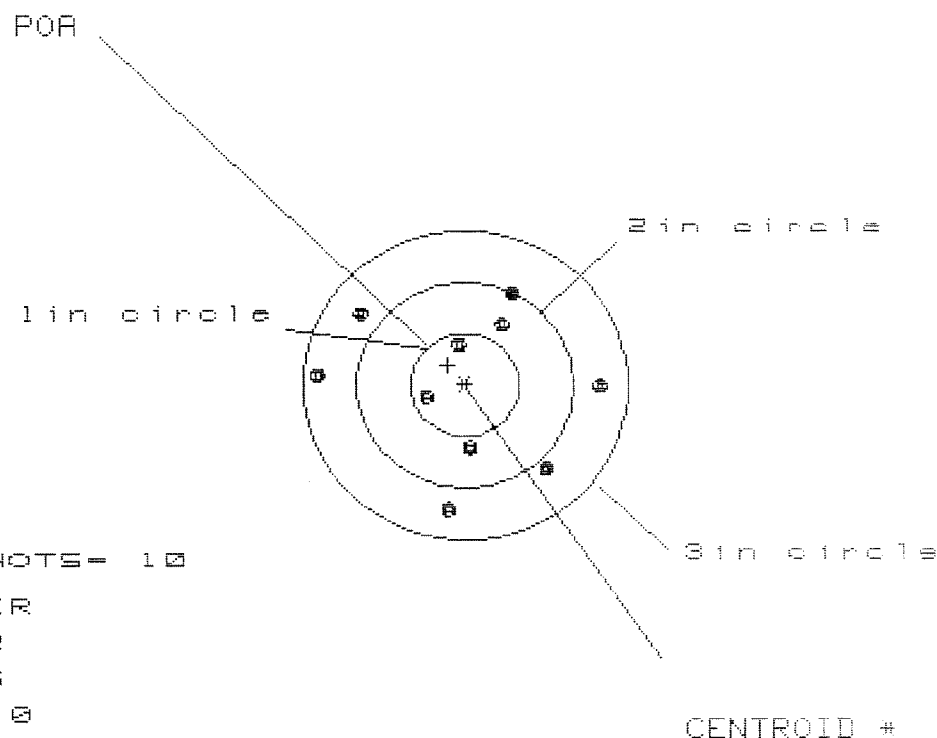
GS= 2.232

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.800	.865	.745
MINIMUM X	:	-1.161	-1.096	-1.216
MAXIMUM Y	:	.809	.684	.579
MINIMUM Y	:	-1.123	-.841	-.848
CENTROID X	:	-.168	-.233	-.113
CENTROID Y	:	-.320	-.195	-.090
POA TO CENTROID in.	:	.361	.303	.145
MIN RADIUS	:	.170	.191	.249
MEAN RADIUS	:	.820	.752	.661
MAX RADIUS	:	1.266	1.271	1.257
HORIZONTAL SPREAD	:	1.961	1.961	1.961
VERTICAL SPREAD	:	1.932	1.525	1.427
EXTREME SPREAD	:	2.232	2.232	2.031
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			10	

3 Apr 1993

FILE:/PATTERNING/CENTERFIRE_PATT/08225141

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 2.609

VS= 2.092

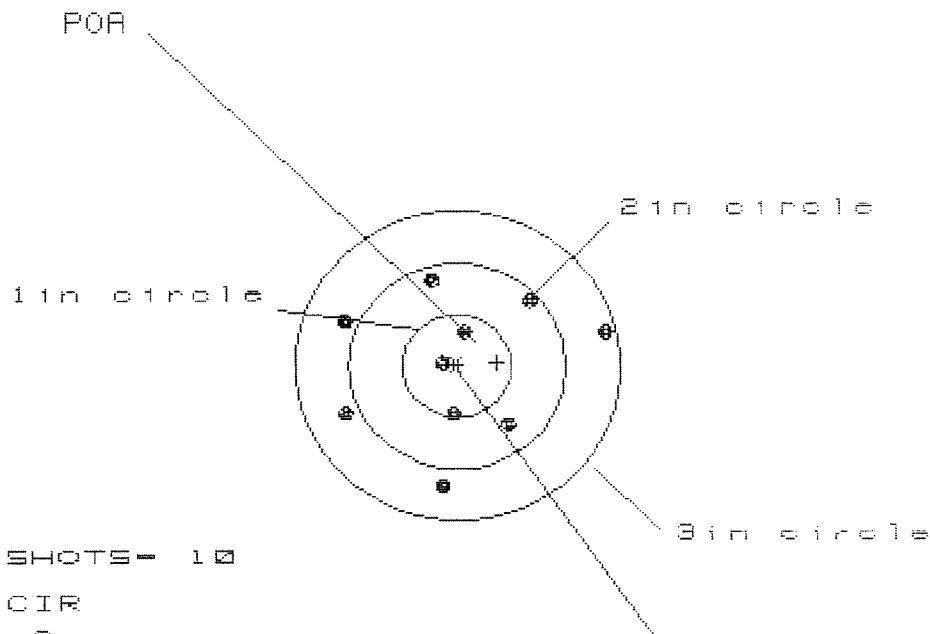
GS= 2.614

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.248	1.097	.723
MINIMUM X	:	-1.361	-1.063	-.926
MAXIMUM Y	:	.879	.893	.891
MINIMUM Y	:	-1.214	-1.199	-1.201
CENTROID X	:	.161	.312	.175
CENTROID Y	:	-.193	-.208	-.206
POA TO CENTROID in.	:	.252	.375	.270
MIN RADIUS	:	.349	.485	.361
MEAN RADIUS	:	.913	.861	.816
MAX RADIUS	:	1.367	1.290	1.212
HORIZONTAL SPREAD	:	2.609	2.160	1.649
VERTICAL SPREAD	:	2.092	2.092	2.092
EXTREME SPREAD	:	2.614	2.286	2.239
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

3 Apr 1993

FILE:/PATTERNING/CENTERFIRE_PATT/06225141

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 10

HS= 2.467

VS= 2.045

GS= 2.579

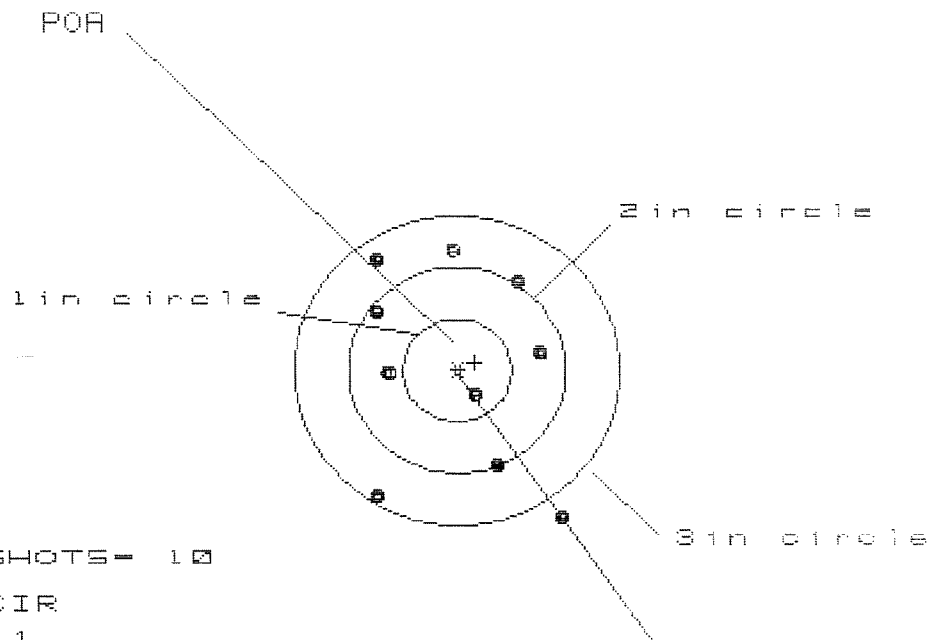
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.398	.785	.794
MINIMUM X	:	-1.069	-.914	-.905
MAXIMUM Y	:	.880	.912	.771
MINIMUM Y	:	-1.165	-1.133	-.703
CENTROID X	:	-.366	-.521	-.530
CENTROID Y	:	-.035	-.067	.074
POA TO CENTROID in.	:	.368	.526	.535
MIN RADIUS	:	.132	.086	.075
MEAN RADIUS	:	.839	.765	.705
MAX RADIUS	:	1.427	1.135	1.072
HORIZONTAL SPREAD	:	2.467	1.699	1.699
VERTICAL SPREAD	:	2.045	2.045	1.474
EXTREME SPREAD	:	2.579	2.049	2.048
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

3 Apr 1993

FILE:/PATTERNING/CENTERFIRE_PATT/C8225141

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS= 1.723

VS= 2.531

GS= 3.005

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.010	.875	.802
MINIMUM X	:	-.713	-.601	-.673
MAXIMUM Y	:	1.131	.976	.800
MINIMUM Y	:	-1.400	-1.403	-1.246
CENTROID X	:	-.162	-.274	-.202
CENTROID Y	:	-.076	.079	.255
POA TO CENTROID in.	:	.179	.285	.325
MIN RADIUS	:	.270	.461	.587
MEAN RADIUS	:	1.016	.926	.836
MAX RADIUS	:	1.726	1.519	1.302
HORIZONTAL SPREAD	:	1.723	1.476	1.476
VERTICAL SPREAD	:	2.531	2.379	2.046
EXTREME SPREAD	:	3.005	2.466	2.240
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			9	

Remington



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

MODEL 700TM H24

**SERIAL NO.
C6225141**

**ORDER NO.
5716**

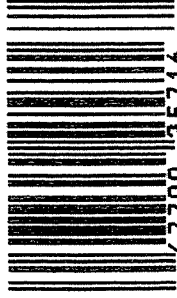
01

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



5716 C6225141

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6225141

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	1 25	89	RW
600	Proof	1 25	89	RW
607	Check Headspace	1 25	89	RW
610	Dis-assemble Gun	1 25	89	RW
612	Magnaflux Barrel Action		1-27-89	PR.
	Magnaflux Bolt		1-27-89	KCR
615	Rollmark Caliber		1-27-89	AS.
617	Drill and Tap Sight Holes	2 1	89	FB
618	Polish Barrel	2 1	89	BT
620	Apply Coatings (Barrel Action)		2-10-89	TJA
	Apply Coating (Bolt)		2-10-89	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		3/30/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/30/89	RW
	C) Inspect Ejector Hole for Chamfer		3/30/89	RW
	D) Oil Firing Pin Ass'y		3/30/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		3/11/89	QIS

op. #	OP. NAME	READINGS					DATE	INITIAL
625 cont.	F) Safety On Force	5	5	5			30 April 89	JS
	G) Safety Off Force	3	3	3			30 April 89	JS
	H) Trigger Pull Test & Retainability						31 May 89	JS
	I) Firing Pin Indent	.0205	.0205	.0205			30 April 89	JS
	J) Assemble Stock						4/12/89	RW
	K) Assemble Swivel Studs						17 April 89	JS
	L) Attach Front and Rear Sight Assemblies						4/12/89	RW
	M) Iron Sight Alignment						4/12/89	RW
	N) Detach Front & Rear Sights & place in numbered container						4/12/89	RW
	O) Attach Scope to Rifle						4/12/89	JS
	P) Detach & Attach Scope 20 Times						4/13/89	JS
640	Gallery Target & Test	47 R	106 L				4/14/89	DH
	A) Time						4/14/89	DH
	B) Malfunctions						4/14/89	DH
	C) Pierced Primers						4/14/89	DH
	D) Optical Clarity of Scope						4/14/89	DH
645	Inspect for Live Ammo						4/14/89	DH
655	Final Inspection							
	A) Headspace						17 April 89	JS
	B) Trigger Pull	2.75	2.71	2.36	2.56	2.51	17 April 89	JS
	C) Function						17 April 89	JS
660	Pack						20 June 89	JS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 6225141

DATE 4-11-90

TESTER JM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.39	2.41		2.30	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.45		2.28	
PULL #3	2.46	2.47		2.16	
PULL #4	2.53	2.43		2.24	
PULL #5	2.43	2.45		2.23	
TOTAL	12.25	12.21		11.21	
AVG.	2.45	2.442		2.242	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.40		
PULL #2	3.30	3.43		
PULL #3	3.39	3.40		
PULL #4	3.35	3.37		
PULL #5	3.42	3.34		
TOTAL	16.86	16.94		
AVG.	3.372	3.388		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.19		
PULL #2	4.25	4.23		
PULL #3	4.21	4.25		
PULL #4	4.23	4.20		
PULL #5	4.18	4.17		
TOTAL	21.07	21.04		
AVG.	4.214	4.208		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225141
17 Apr 1989

CENTROIDAL DISTANCES

0 TO	1	.362927
1 TO	2	.415204
1 TO	3	.191846
1 TO	4	.159477
1 TO	5	.194517

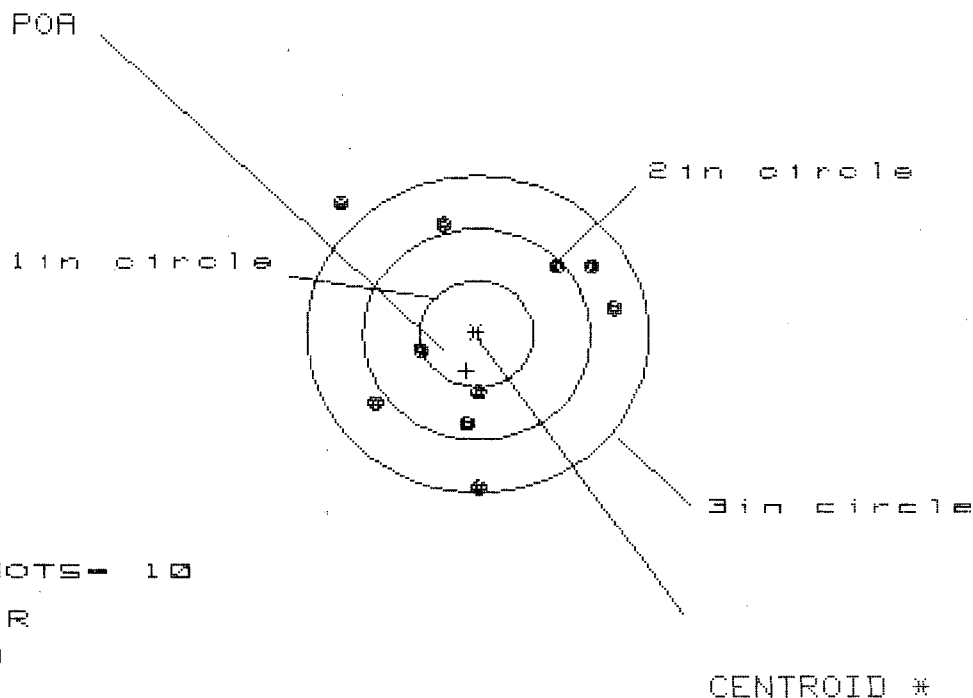
$\frac{2.34}{4}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0198
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3584
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .358947
THE AMR FOR THIS RIFLE IS: .91

14 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225141

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 9

HS= 2.375

VS= 2.684

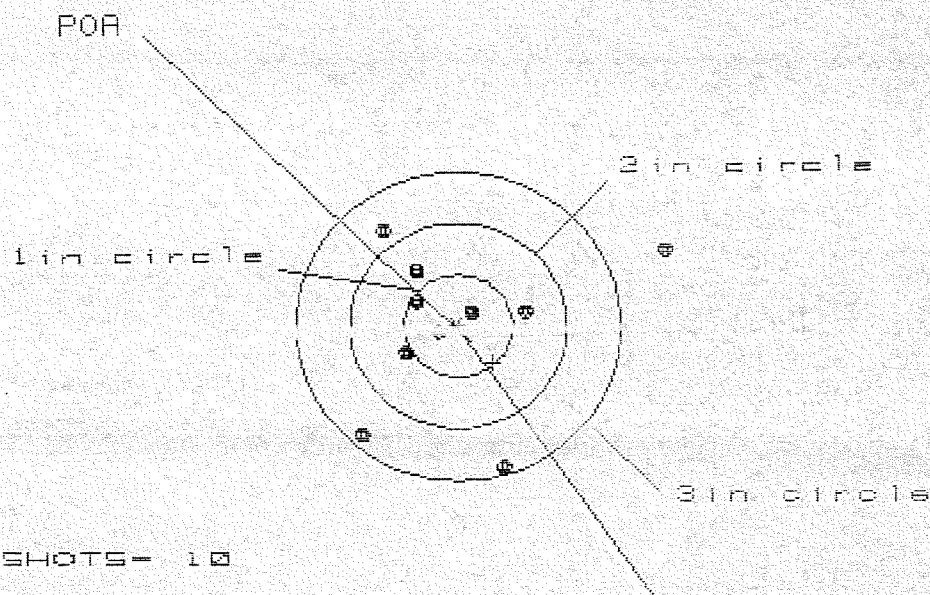
GS= 2.910

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.221	1.093	1.073
MINIMUM X	:	-1.107		
MAXIMUM Y	:	1.204	1.209	1.041
MINIMUM Y	:	-1.480	-1.347	-.931
CENTROID X	:	.096	.224	.243
CENTROID Y	:	.350	.217	.005
POA TO CENTROID in.	:	.363	.311	.456
MIN RADIUS	:	.513	.394	.562
MEAN RADIUS	:	1.078	.994	.953
MAX RADIUS	:	1.667	1.356	1.258
HORIZONTAL SPREAD	:	2.375	2.098	2.098
VERTICAL SPREAD	:	2.684	2.556	1.972
EXTREME SPREAD	:	2.910	2.570	2.324
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

14 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225141

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 2.762

VS= 2.213

ES= 3.259

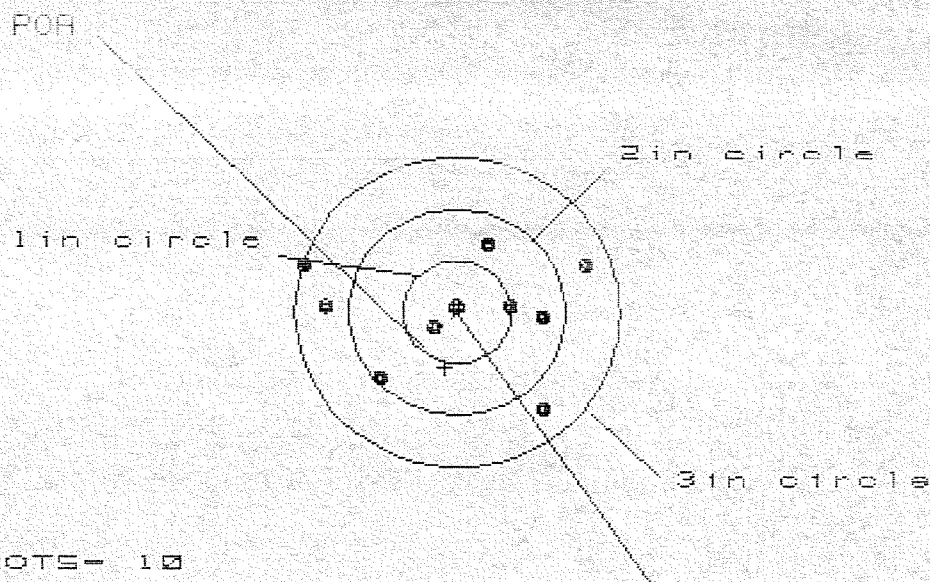
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.872	.805	.880
MINIMUM X	:	-.890	-.682	-.607
MAXIMUM Y	:	.899	.977	.823
MINIMUM Y	:	-1.314	-1.236	-1.105
CENTROID X	:	-.319	-.527	-.602
CENTROID Y	:	.363	.285	.439
POA TO CENTROID in.	:	.483	.599	.745
MIN RADIUS	:	.174	.021	.166
MEAN RADIUS	:	.847	.686	.581
MAX RADIUS	:	1.999	1.374	1.260
HORIZONTAL SPREAD	:	2.762	1.487	1.487
VERTICAL SPREAD	:	2.213	2.213	1.927
EXTREME SPREAD	:	3.259	2.456	1.939
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

14 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225141

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 10

HS= 2.627

VS= 1.533

GS= 2.627

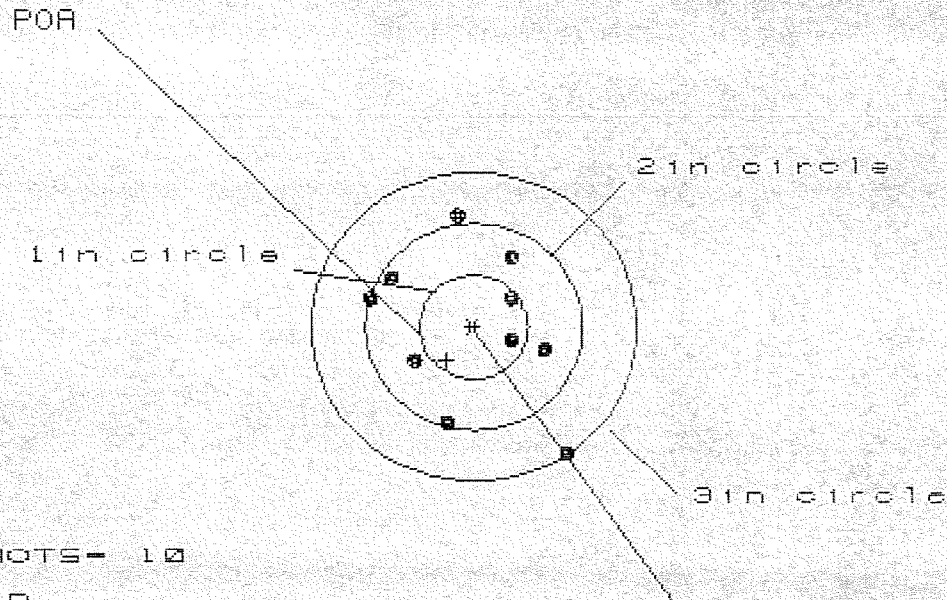
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.220	1.064	.786
MINIMUM X	:	-1.407	-1.324	-1.191
MAXIMUM Y	:	.615	.671	.740
MINIMUM Y	:	-.918	-.862	-.792
CENTROID X	:	.114	.270	.137
CENTROID Y	:	.541	.485	.415
POA TO CENTROID in.	:	.553	.555	.438
MIN RADIUS	:	.058	.194	.185
MEAN RADIUS	:	.054	.776	.723
MAX RADIUS	:	1.496	1.332	1.210
HORIZONTAL SPREAD	:	2.627	2.388	1.977
VERTICAL SPREAD	:	1.533	1.533	1.533
EXTREME SPREAD	:	2.627	2.423	2.168

NUMBER IN ONE INCH CIRCLE = 3
 NUMBER IN TWO INCH CIRCLE = 5
 NUMBER IN THREE INCH CIRCLE = 10

14 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225141

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 1.735

VS= 2.231

GS= 2.440

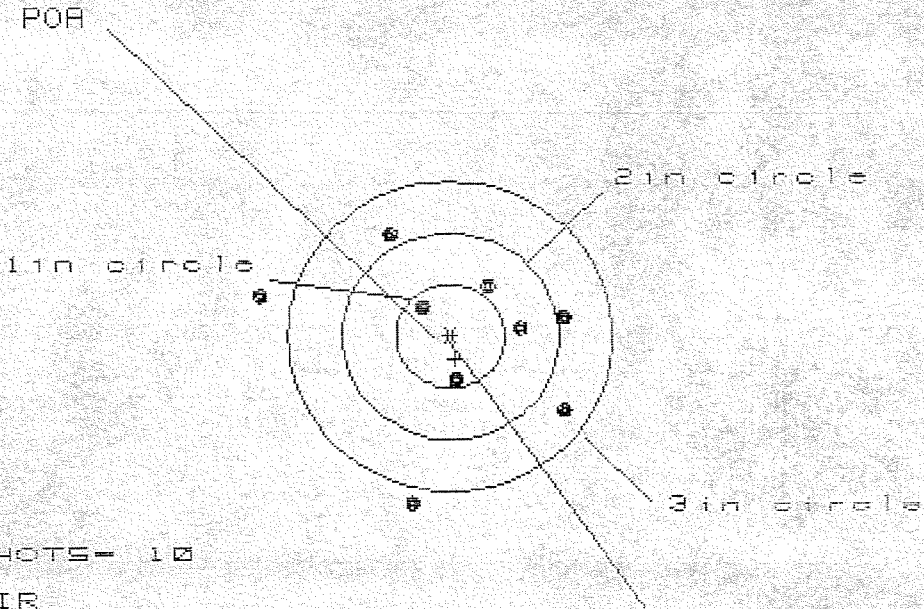
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.808	.784	.773
MINIMUM X	:	-.927	-.837	-.848
MAXIMUM Y	:	1.032	.899	.702
MINIMUM Y	:	-1.199	-1.097	-.985
CENTROID X	:	.253	.163	.174
CENTROID Y	:	.322	.455	.343
POA TO CENTROID in.	:	.409	.483	.384
MIN RADIUS	:	.396	.511	.477
MEAN RADIUS	:	.848	.774	.752
MAX RADIUS	:	1.446	1.112	1.004
HORIZONTAL SPREAD	:	1.735	1.621	1.621
VERTICAL SPREAD	:	2.231	1.996	1.687
EXTREME SPREAD	:	2.440	1.998	1.814
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

14 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225141

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 2.792

VS= 2.562

GS= 2.971

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.024	.828	.764
MINIMUM X	:	-1.768	-.734	-.798
MAXIMUM Y	:	.975	1.013	.819
MINIMUM Y	:	-1.587	-1.549	-.885
CENTROID X	:	-.045	.151	.215
CENTROID Y	:	.216	.178	.372
POA TO CENTROID in.	:	.221	.234	.430
MIN RADIUS	:	.371	.354	.372
MEAN RADIUS	:	.923	.812	.679
MAX RADIUS	:	1.801	1.631	1.155
HORIZONTAL SPREAD	:	2.792	1.562	1.562
VERTICAL SPREAD	:	2.562	2.562	1.704
EXTREME SPREAD	:	2.971	2.572	2.297
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	