

C6522354

MODEL 700™ M24

Model SWS™

Action

Barrel Length

Capacity

Order No. 5716

\*Includes 1 in chamber.



## Repair Inquiry

Repair Number: RE00115235

Serial: C6522354 Model M24 SWS Center Fire  
Caliber: 308

Repairman:

Verify Repair

Status:

Closed 8/2/2006 10:44:43 AM

## Address Information

Customer:

Received From

Return To:

Received From

Name: MAT MOV BRANCH

MAT MOV BRANCH

Address 1: RAINIER AVE

RAINIER AVE

Address 2: BUDG 9611

PO Box:

BUDG 9611

PO Box:

City: FORT LEWIS

FORT LEWIS

State: WA

Zip Code: 98433

Country: US

State: WA

Zip Code: 98433

Country: US

FFL:

## Contact / Condition

## Problems

## Estimate

## History / Status

## Shipping / Billing

## Contact Information

Phone: NA

Fax:

Email:

Comments:

## Received Condition

Fair

Condition  
Notes:CSR  
Notes:

## Accessories Received

| Code | Desc             | Qty |
|------|------------------|-----|
| A007 | With Stud        | 3   |
| A017 | Scope Base       | 1   |
| B000 | FRONT AND REAR E | 1   |

nagletj

8/2/2006

10:56 AM

CAPS

NUM

INS

SCRL

start

2 M...

Part...

5 I...

2 M...

Arm...

My...

ENL...

10:56 AM

Serial  
Number:

C6522354

Model: M24 SWS



RE00115235

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522354.\_\_\_0  
FILE DATE AND TIME: 08/16/2006 05:28

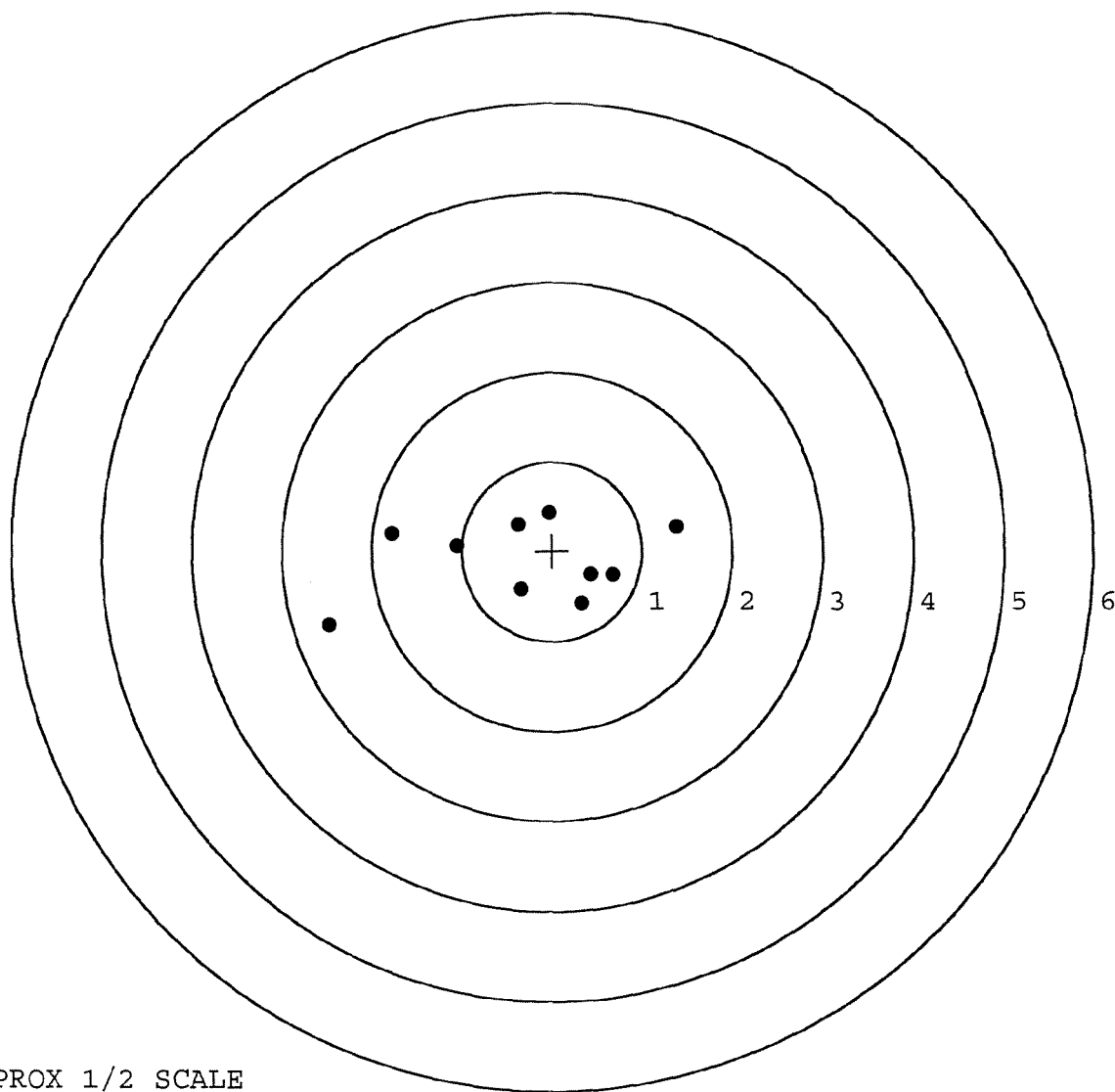
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.014  |
| The Average Y Centroid of the Five Target Set:              | -0.051 |
| The Average Point of Impact of the Five Target Set:         | 0.053  |
| The Average Mean Radius of the Five Target Set:             | 0.742  |
| The Distance from POA to Centroid Target #1:                | 0.343  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.367  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.279  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.675  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.427  |

SERIAL NUMBER: C6522354. \_\_0  
TARGET NUMBER: 1  
FILE DATE: 08/16/2006  
FILE TIME: 05:28

X CENTROID: -0.325  
Y CENTROID: -0.111  
POA TO CENTROID: 0.343  
HORZ SPREAD: 3.847  
VERT SPREAD: 1.251  
GROUP SPREAD: 4.003  
MIN RADIUS: 0.311  
MAX RADIUS: 2.264  
MEAN RADIUS: 1.017  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 6  
# in 3 IN DIAMETER: 8

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.375  | 0.279  |
| 2:     | -0.036 | 0.422  |
| 3:     | -0.382 | 0.294  |
| 4:     | -0.340 | -0.422 |
| 5:     | -1.058 | 0.057  |
| 6:     | -1.777 | 0.193  |
| 7:     | -2.472 | -0.829 |
| 8:     | 0.328  | -0.585 |
| 9:     | 0.434  | -0.261 |
| 10:    | 0.679  | -0.261 |

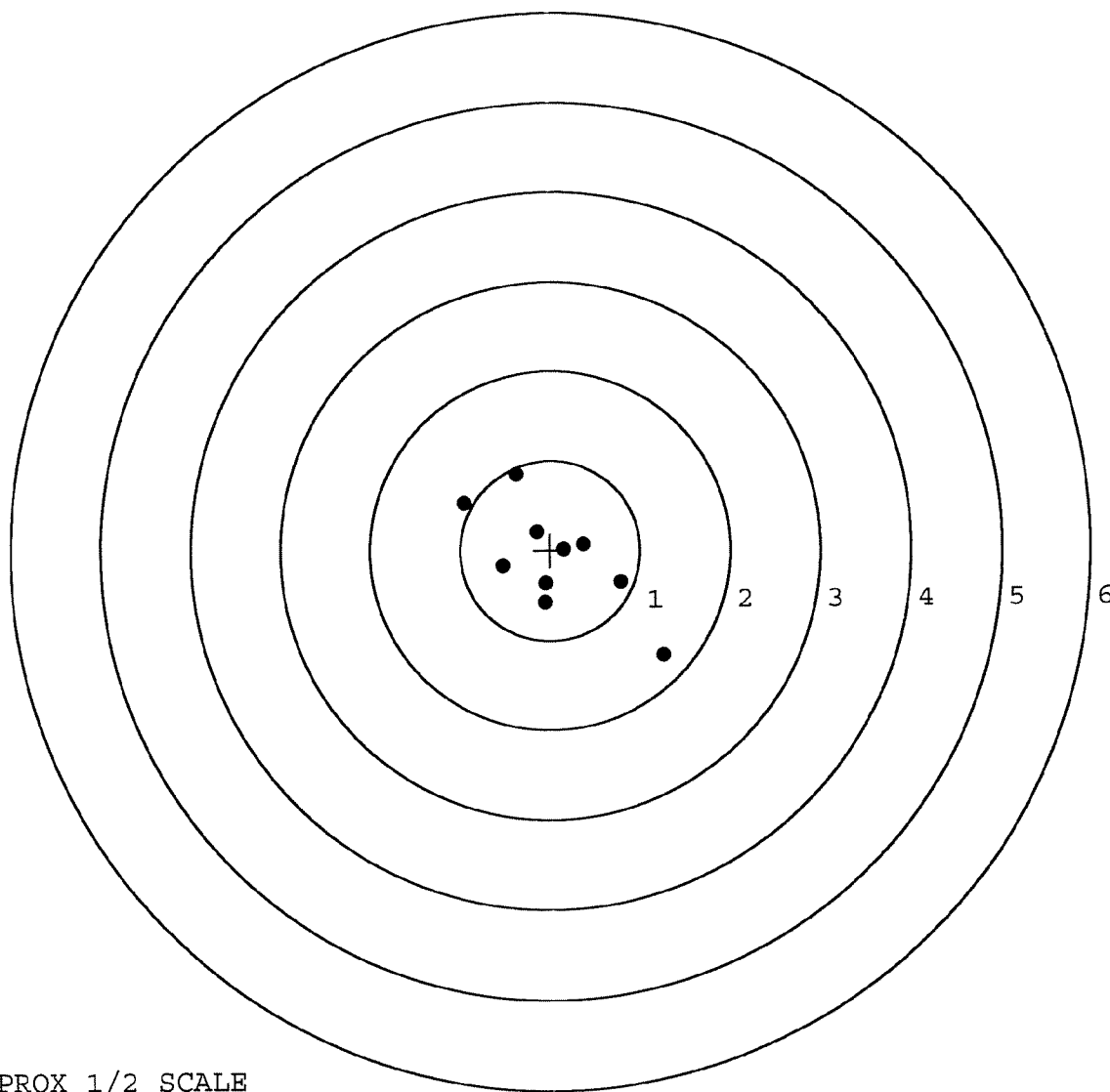


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522354. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 08/16/2006  
FILE TIME: 05:28

X CENTROID: 0.042  
Y CENTROID: -0.101  
POA TO CENTROID: 0.109  
HORZ SPREAD: 2.214  
VERT SPREAD: 2.028  
GROUP SPREAD: 2.797  
MIN RADIUS: 0.155  
MAX RADIUS: 1.626  
MEAN RADIUS: 0.687  
# IN 1 IN DIAMETER: 5  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 9

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.258  | -1.180 |
| 2:     | 0.784  | -0.357 |
| 3:     | -0.377 | 0.848  |
| 4:     | -0.956 | 0.530  |
| 5:     | -0.530 | -0.173 |
| 6:     | -0.149 | 0.204  |
| 7:     | 0.148  | 0.013  |
| 8:     | 0.370  | 0.061  |
| 9:     | -0.059 | -0.370 |
| 10:    | -0.065 | -0.582 |

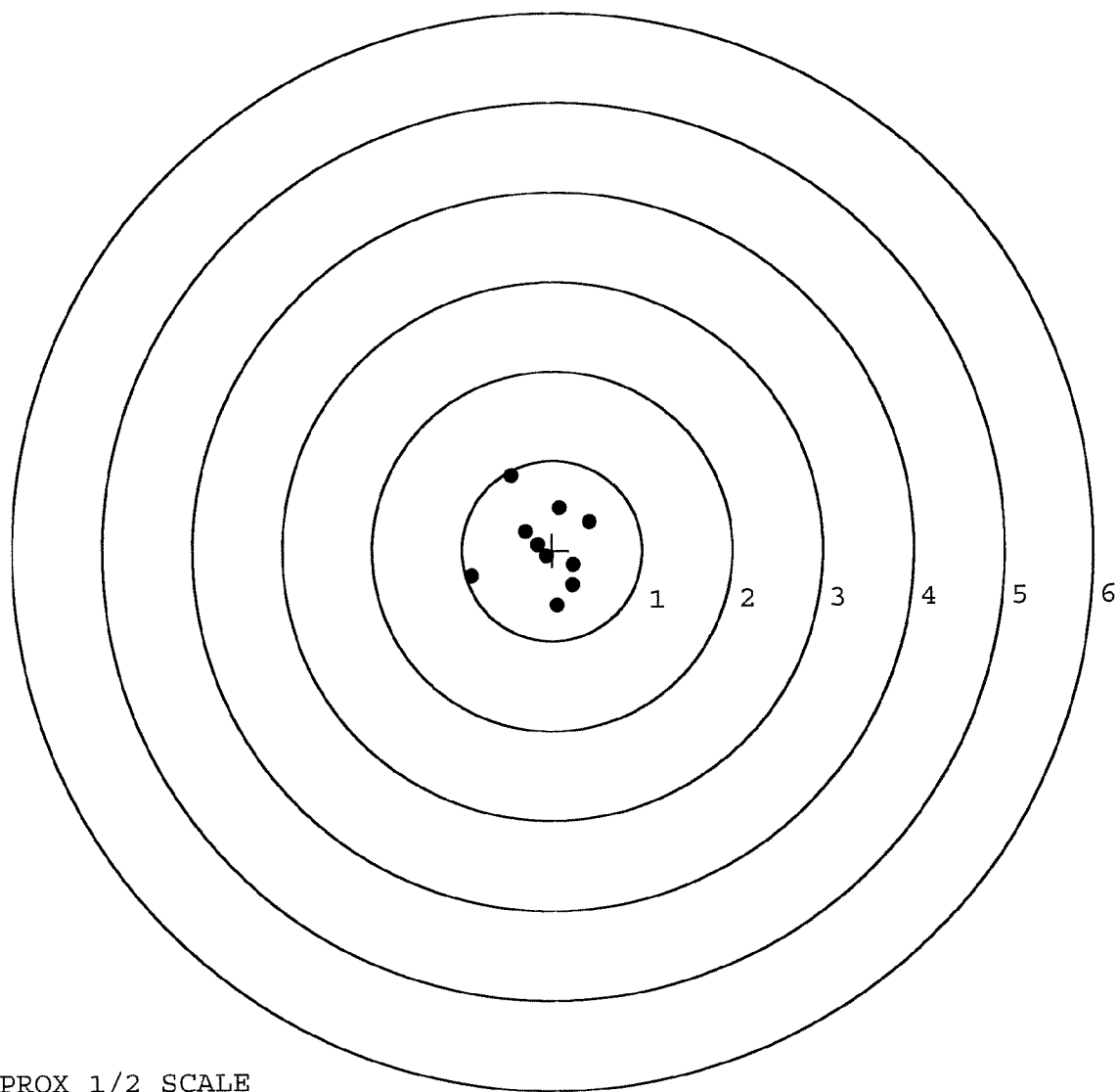


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522354. \_\_0  
TARGET NUMBER: 3  
FILE DATE: 08/16/2006  
FILE TIME: 05:28

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.895 | -0.285 |
| 2:     | -0.449 | 0.834  |
| 3:     | 0.086  | 0.469  |
| 4:     | 0.420  | 0.308  |
| 5:     | 0.047  | -0.615 |
| 6:     | -0.299 | 0.212  |
| 7:     | -0.166 | 0.060  |
| 8:     | -0.071 | -0.069 |
| 9:     | 0.233  | -0.171 |
| 10:    | 0.223  | -0.392 |

X CENTROID: -0.087  
Y CENTROID: 0.035  
POA TO CENTROID: 0.094  
HORZ SPREAD: 1.315  
VERT SPREAD: 1.449  
GROUP SPREAD: 1.532  
MIN RADIUS: 0.083  
MAX RADIUS: 0.877  
MEAN RADIUS: 0.483  
# IN 1 IN DIAMETER: 5  
# IN 2 IN DIAMETER: 10  
# in 3 IN DIAMETER: 10



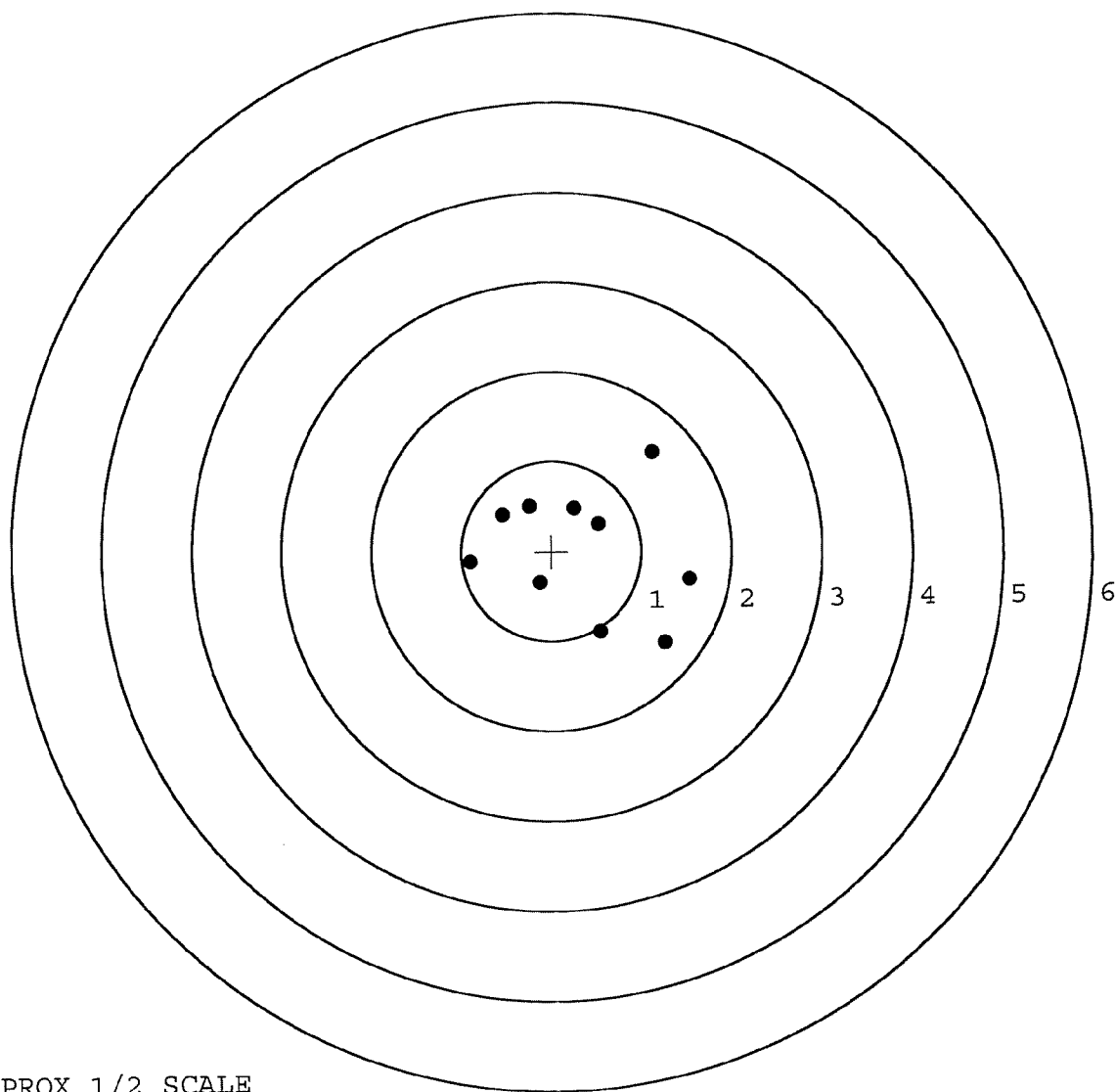
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522354. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 08/16/2006  
FILE TIME: 05:28

X CENTROID: 0.340  
Y CENTROID: 0.006  
POA TO CENTROID: 0.340  
HORZ SPREAD: 2.432  
VERT SPREAD: 2.119  
GROUP SPREAD: 2.348  
MIN RADIUS: 0.351  
MAX RADIUS: 1.385  
MEAN RADIUS: 0.930

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.253  | -1.036 |
| 2:     | 1.529  | -0.333 |
| 3:     | 1.130  | 1.083  |
| 4:     | 0.537  | -0.900 |
| 5:     | 0.526  | 0.303  |
| 6:     | 0.254  | 0.479  |
| 7:     | -0.138 | -0.350 |
| 8:     | -0.244 | 0.504  |
| 9:     | -0.541 | 0.414  |
| 10:    | -0.903 | -0.107 |

# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 6  
# in 3 IN DIAMETER: 10

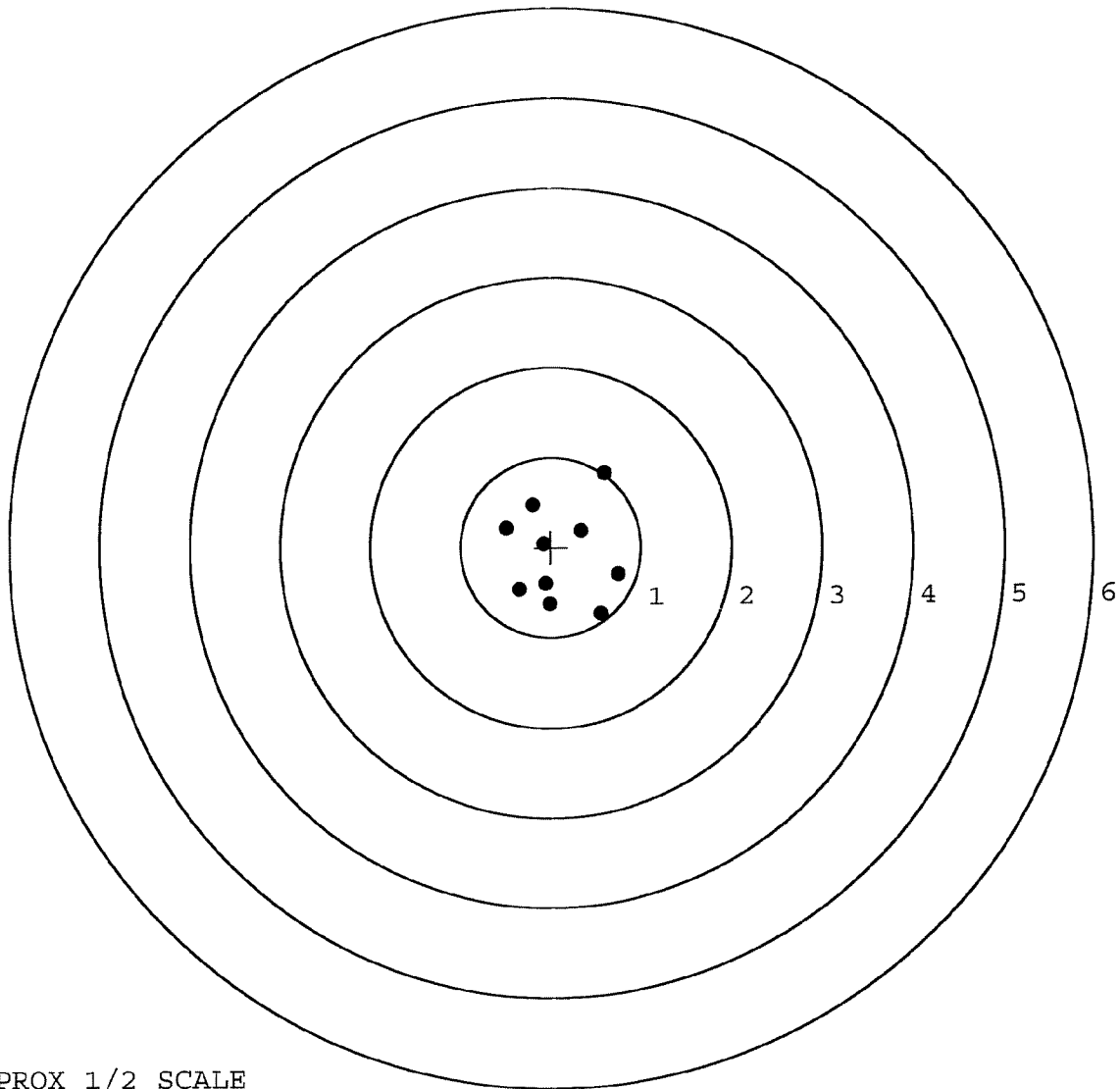


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522354.\_\_\_0  
TARGET NUMBER: 5  
FILE DATE: 08/16/2006  
FILE TIME: 05:28

X CENTROID: 0.101  
Y CENTROID: -0.083  
POA TO CENTROID: 0.131  
HORZ SPREAD: 1.239  
VERT SPREAD: 1.569  
GROUP SPREAD: 1.606  
MIN RADIUS: 0.223  
MAX RADIUS: 1.035  
MEAN RADIUS: 0.592  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 9  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.550  | -0.743 |
| 2:     | 0.743  | -0.301 |
| 3:     | 0.596  | 0.826  |
| 4:     | 0.340  | 0.186  |
| 5:     | -0.201 | 0.470  |
| 6:     | -0.496 | 0.214  |
| 7:     | -0.086 | 0.039  |
| 8:     | -0.355 | -0.468 |
| 9:     | -0.063 | -0.410 |
| 10:    | -0.017 | -0.639 |



TARGET APPROX 1/2 SCALE

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

|               |                                   |                                                                                                                                                  |                           |
|---------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| R & E NUMBER  | 115235                            |                                                                                                                                                  |                           |
| SERIAL NUMBER | C6522354                          |                                                                                                                                                  |                           |
| LOG-IN DATE   | 8-2-06                            |                                                                                                                                                  |                           |
| OPERATION #   | OPERATION NAME                    | DATE                                                                                                                                             | INITIAL                   |
| 500           | DIS-ASSEMBLE GUN                  | 8-7-06                                                                                                                                           | RTZ                       |
| 505           | RE-BARREL                         | 8-8-06                                                                                                                                           | RTZ                       |
| 420           | ASSEMBLE                          | 8-8-06                                                                                                                                           | RTZ                       |
| 440           | PROOF                             | 8-9-06                                                                                                                                           | BLG                       |
| 460           | CHECK HEADSPACE                   | 8-9-06                                                                                                                                           | BLG                       |
| 470           | DIS-ASSEMBLE GUN                  | 8-9-06                                                                                                                                           | BLG                       |
| 480           | MAGNAFLUX                         | 8-11-06                                                                                                                                          | APD                       |
| 510           | DRILL AND TAP                     | 8-10-06                                                                                                                                          | TRW                       |
| 500           | ROLLMARK CALIBER                  | 8-11-06                                                                                                                                          | CW                        |
| 520           | GOFF BLAST BBL / REC              | 8-11-06                                                                                                                                          | LB                        |
| 530 & 540     | APPLY COATINGS                    | 8/13/06                                                                                                                                          | RTZ                       |
| 560           | FINAL ASSEMBLY                    | 8-15-06                                                                                                                                          | RTZ                       |
| 640           | FUNCTION TEST AND                 | (PASS) FAIL                                                                                                                                      | 8-16-06 TRW               |
| 650           | TARGET                            | (PASS) FAIL                                                                                                                                      | 8-16-06 TRW               |
|               | MALFUNCTION 26 clicks left window | CORRECTION OK                                                                                                                                    | 8-23-06 AC                |
|               | MALFUNCTION                       | CORRECTION                                                                                                                                       |                           |
|               | MALFUNCTION                       | CORRECTION                                                                                                                                       |                           |
|               | MALFUNCTION                       | CORRECTION                                                                                                                                       | 8/16 BD                   |
| 670           | FINAL INSPECTION                  |                                                                                                                                                  | 8-17-06 MTH               |
|               | A) HEADSPACE                      | (PASS) FAIL                                                                                                                                      | 8-17-06 MTH               |
|               | B) TRIGGER PULL                   | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           +/- .5 LBS<br/>MIN 2.50 LBS<br/>MAX 4.0 LBS         </div> | 255 254 2.59 258 261 R.P. |
| 680           | F) SAFETY ON FORCE                | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           2 LBS MIN<br/>10 LBS MAX         </div>                    | 4.0 3.5 3.5 8-17-06 DA    |
|               | G) SAFETY OFF FORCE               | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           2 LBS<br/>MIN         </div>                               | 2.5 2.2 2.5 8-17-06 DA    |
|               | I) FIRING PIN INDENT              | .020                                                                                                                                             | .023 .024 .024 8-17-06 DA |
| 690           | PACK                              |                                                                                                                                                  | 8-24-06 DA                |

F006 REV 5/2006

# FINAL INSPECTION CHECKLIST

## BARREL ASSEMBLY

\_\_\_\_\_  
BARREL

\_\_\_\_\_  
RECEIVER

\_\_\_\_\_  
FRONT SIGHT BASE

\_\_\_\_\_  
REAR SIGHT BASE

\_\_\_\_\_  
SCREWS

\_\_\_\_\_  
FINISH

## STOCK ASSEMBLY

\_\_\_\_\_  
STOCK

\_\_\_\_\_  
SLING SWIVEL STUDS

\_\_\_\_\_  
BUTT PATE

\_\_\_\_\_  
LOCK NUTS

\_\_\_\_\_  
BARREL CLEARANCE

\_\_\_\_\_  
COLOR / FINISH

## SCOPE ASSEMBLY

\_\_\_\_\_  
SCOPE

\_\_\_\_\_  
SCOPE RINGS

\_\_\_\_\_  
MOUNTING SCREWS

\_\_\_\_\_  
MOUNTING BASE

\_\_\_\_\_  
SCREWS

\_\_\_\_\_  
FINISH

\_\_\_\_\_  
CLARITY

## SYSTEM CASE

\_\_\_\_\_  
SCOPE CASE

\_\_\_\_\_  
IRON SIGHTS

\_\_\_\_\_  
DEPLOYMENT KIT

## TRIGGER ASSEMBLY

\_\_\_\_\_  
SAFETY OPERATION

\_\_\_\_\_  
RE-SET TO FACTORY  
SPECS

COMMENTS: \_\_\_\_\_

F006 REV 5/2006




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

MODEL 700™ H24

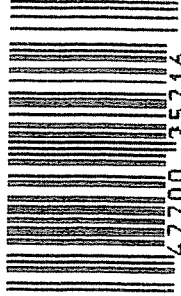
SERIAL NO.  
C6522354

ORDER NO.  
5716

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

Ø1

UPC



0 47700 25716 7



5716 C6522354

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # 06522354  
7 Aug 1990

CENTROIDAL DISTANCES

|      |   |         |
|------|---|---------|
| 0 TO | 1 | .317844 |
| 1 TO | 2 | .346521 |
| 1 TO | 3 | .616351 |
| 1 TO | 4 | .652798 |
| 1 TO | 5 | .294124 |

$\bar{x}_1$  <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.462  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.221  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .512138  
THE AMR FOR THIS RIFLE IS: .779

7 Aug 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C6522354

# CENTERFIRE PATTERNS

# 1

POB

1 in circle

2 in circle

3 in circle

# OF SHOTS= 10

# IN CIR

1 in = 3

2 in = 7

3 in = 9

HS= 3.071

VS= 1.283

GS= 3.097

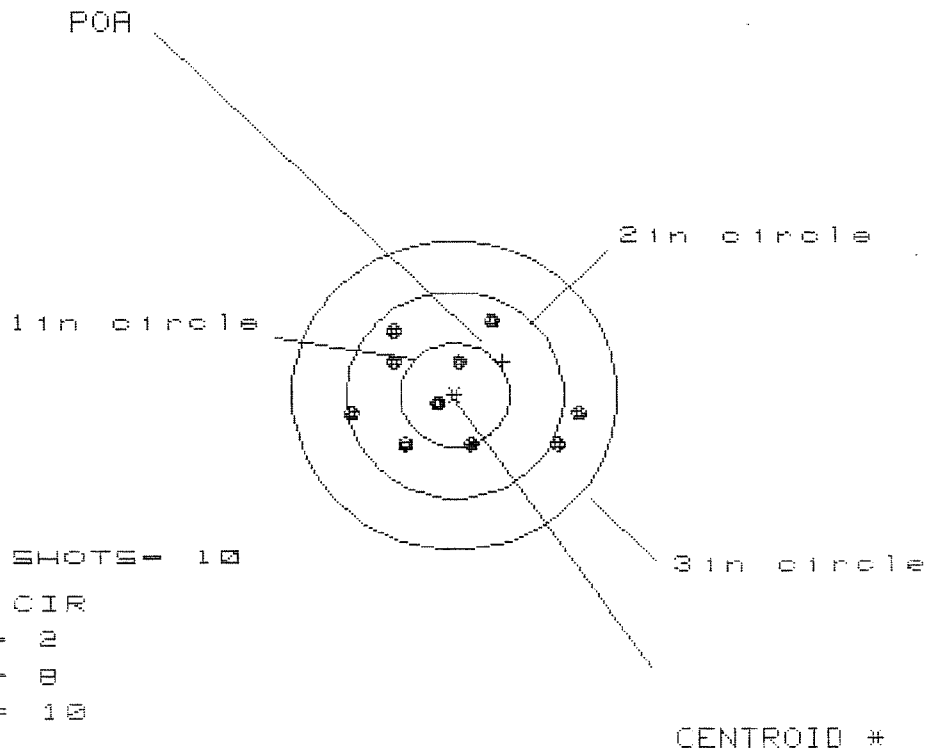
CENTROID \*

|                             |   |        |       |       |
|-----------------------------|---|--------|-------|-------|
| PATTERN #                   | : | 1      |       |       |
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | 1.895  | 1.134 | 1.013 |
| MINIMUM X                   | : | -1.176 | -.965 | -.784 |
| MAXIMUM Y                   | : | .500   | .483  | .511  |
| MINIMUM Y                   | : | -.783  | -.800 | -.772 |
| CENTROID X                  | : | -.096  | -.307 | -.186 |
| CENTROID Y                  | : | -.303  | -.286 | -.314 |
| POB TO CENTROID in.         | : | .318   | .419  | .365  |
| MIN RADIUS                  | : | .190   | .212  | .153  |
| MEAN RADIUS                 | : | .828   | .685  | .641  |
| MAX RADIUS                  | : | 1.902  | 1.161 | 1.038 |
| HORIZONTAL SPREAD           | : | 3.071  | 2.099 | 1.797 |
| VERTICAL SPREAD             | : | 1.283  | 1.283 | 1.283 |
| EXTREME SPREAD              | : | 3.097  | 2.152 | 1.942 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 3     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 9     |       |

7 Aug 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C6522354

# CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1in = 2

2in = 8

3in = 10

HS= 2.038

VS= 1.266

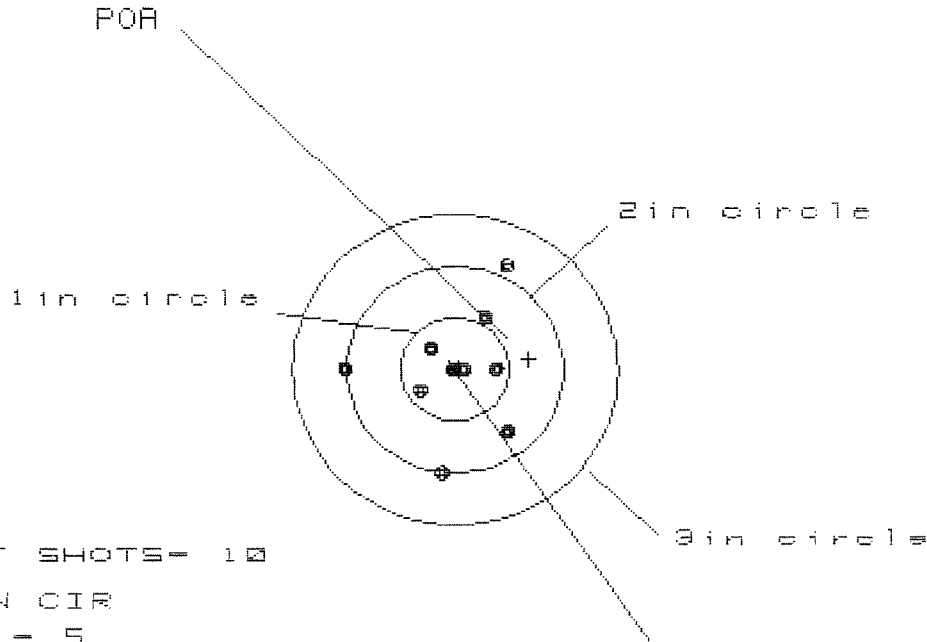
GS= 2.038

|                             |   |       |       |       |
|-----------------------------|---|-------|-------|-------|
| PATTERN #                   | : | 2     |       |       |
| SHOTS (BEST OF)             | : | 10    | 9     | 8     |
| MAXIMUM X                   | : | 1.093 | 1.014 | .627  |
| MINIMUM X                   | : | -.945 | -.823 | -.697 |
| MAXIMUM Y                   | : | .740  | .716  | .647  |
| MINIMUM Y                   | : | -.526 | -.550 | -.602 |
| CENTROID X                  | : | -.442 | -.564 | -.690 |
| CENTROID Y                  | : | -.322 | -.298 | -.230 |
| POA TO CENTROID in.         | : | .547  | .638  | .728  |
| MIN RADIUS                  | : | .175  | .130  | .225  |
| MEAN RADIUS                 | : | .696  | .630  | .555  |
| MAX RADIUS                  | : | 1.113 | 1.153 | .902  |
| HORIZONTAL SPREAD           | : | 2.038 | 1.837 | 1.324 |
| VERTICAL SPREAD             | : | 1.266 | 1.266 | 1.250 |
| EXTREME SPREAD              | : | 2.039 | 1.873 | 1.600 |
| NUMBER IN ONE INCH CIRCLE   | = |       | 2     |       |
| NUMBER IN TWO INCH CIRCLE   | = |       | 8     |       |
| NUMBER IN THREE INCH CIRCLE | = |       | 10    |       |

7 Aug 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C6522354

# CENTERFIRE PATTERNS # 3



# OF SHOTS= 10

# IN CIR

1in = 5

2in = 8

3in = 10

HS= 1.545

VS= 1.924

GS= 2.022

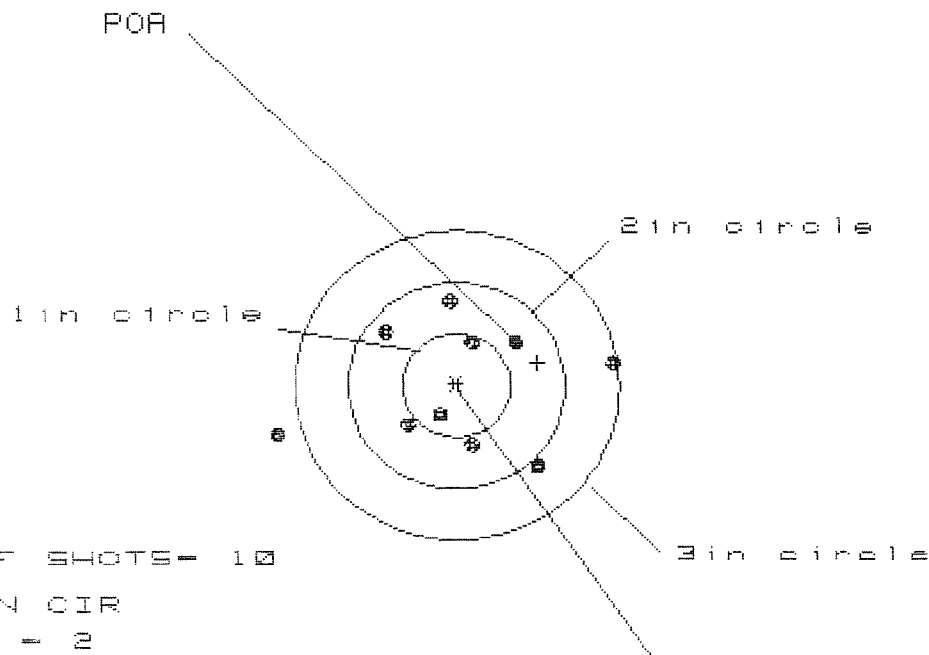
CENTROID #

|                             |   |        |       |       |
|-----------------------------|---|--------|-------|-------|
| PATTERN #                   | : | 3      |       |       |
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | .507   | .524  | .401  |
| MINIMUM X                   | : | -1.038 | -.981 | -.337 |
| MAXIMUM Y                   | : | .953   | .592  | .602  |
| MINIMUM Y                   | : | -.971  | -.865 | -.855 |
| CENTROID X                  | : | -.679  | -.736 | -.613 |
| CENTROID Y                  | : | -.103  | -.209 | -.219 |
| POA TO CENTROID in.         | : | .687   | .765  | .651  |
| MIN RADIUS                  | : | .055   | .120  | .134  |
| MEAN RADIUS                 | : | .548   | .503  | .438  |
| MAX RADIUS                  | : | 1.080  | .985  | .874  |
| HORIZONTAL SPREAD           | : | 1.545  | 1.505 | .738  |
| VERTICAL SPREAD             | : | 1.924  | 1.457 | 1.457 |
| EXTREME SPREAD              | : | 2.022  | 1.598 | 1.502 |
| NUMBER IN ONE INCH CIRCLE   | = | 5      |       |       |
| NUMBER IN TWO INCH CIRCLE   | = | 8      |       |       |
| NUMBER IN THREE INCH CIRCLE | = | 10     |       |       |

7 Aug 1998

FILE:/PATTERNING/CENTERFIRE\_PATT/C8522354

# CENTERFIRE PATTERNS # 4



# OF SHOTS- 10

# IN CIR

1 in = 2

2 in = 7

3 in = 8

MS= 3.184

VS= 1.592

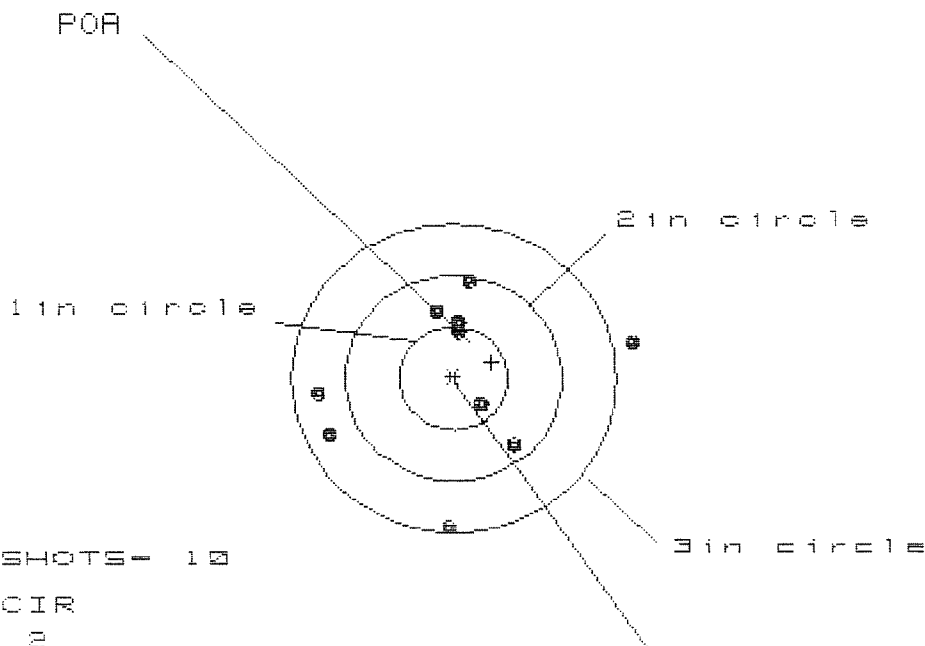
GS= 3.273

| PATTERN #                   | : | 4      |       |       |
|-----------------------------|---|--------|-------|-------|
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | 1.488  | 1.300 | .717  |
| MINIMUM X                   | : | -1.696 | -.862 | -.700 |
| MAXIMUM Y                   | : | .837   | .783  | .811  |
| MINIMUM Y                   | : | -.755  | -.809 | -.781 |
| CENTROID X                  | : | -.744  | -.556 | -.718 |
| CENTROID Y                  | : | -.224  | -.170 | -.198 |
| POA TO CENTROID in.         | : | .777   | .581  | .745  |
| MIN RADIUS                  | : | .317   | .400  | .352  |
| MEAN RADIUS                 | : | .871   | .769  | .681  |
| MAX RADIUS                  | : | 1.763  | 1.318 | 1.061 |
| HORIZONTAL SPREAD           | : | 3.184  | 2.162 | 1.417 |
| VERTICAL SPREAD             | : | 1.592  | 1.592 | 1.592 |
| EXTREME SPREAD              | : | 3.273  | 2.172 | 1.880 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 8     |       |

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FILE:/PATTERNING/CENTERFIRE\_PATT/06522354

# CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.879

VS= 2.359

GS= 2.939

CENTROID \*

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 5      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.625  | .752   | .766   |
| MINIMUM X                   | : | -1.254 | -1.074 | -1.060 |
| MAXIMUM Y                   | : | .943   | .979   | .806   |
| MINIMUM Y                   | : | -1.416 | -1.380 | -1.793 |
| CENTROID X                  | : | -.349  | -.529  | -.543  |
| CENTROID Y                  | : | -.153  | -.189  | -.016  |
| POA TO CENTROID in.         | : | .381   | .562   | .543   |
| MIN RADIUS                  | : | .295   | .422   | .437   |
| MEAN RADIUS                 | : | .952   | .885   | .786   |
| MAX RADIUS                  | : | 1.656  | 1.384  | 1.218  |
| HORIZONTAL SPREAD           | : | 2.879  | 1.826  | 1.826  |
| VERTICAL SPREAD             | : | 2.359  | 2.359  | 1.599  |
| EXTREME SPREAD              | : | 2.939  | 2.370  | 2.625  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06522354

DATE 8/24/80

TESTER JH

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |       | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|-------|------------------------------------------------------------------------|
| PULL #1 | 2.50             | 2.49                     | 2.41                           | 2.45  | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.37             | 2.47                     | 2.50                           | 2.36  |                                                                        |
| PULL #3 | 2.51             | 2.48                     | 2.35                           | 2.48  |                                                                        |
| PULL #4 | 2.47             | 2.37                     | 2.41                           | 2.49  |                                                                        |
| PULL #5 | 2.43             | 2.48                     | 2.40                           | 2.50  |                                                                        |
| TOTAL   | 12.28            | 12.29                    | 12.07                          | 12.28 |                                                                        |
| AVG.    | 2.456            | 2.458                    | 2.414                          | 2.456 |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.30             | 3.16                     |  |          |
| PULL #2 | 3.37             | 3.20                     |  |          |
| PULL #3 | 3.05             | 3.26                     |  |          |
| PULL #4 | 3.23             | 3.16                     |  |          |
| PULL #5 | 3.20             | 3.18                     |  |          |
| TOTAL   | 16.15            | 15.96                    |  |          |
| AVG.    | 3.23             | 3.192                    |  |          |

|         | 4.00#<br>INITIAL | 4.00# AFTER<br>20 CYCLES | MAX SETTING<br>GREATER THAN 4# | RESET TO 4# FOR<br>TARGET & ACCURACY |
|---------|------------------|--------------------------|--------------------------------|--------------------------------------|
| PULL #1 | 4.23             | 4.26                     |                                | 4.42                                 |
| PULL #2 | 4.30             | 4.17                     |                                | 4.33                                 |
| PULL #3 | 4.21             | 4.29                     |                                | 4.30                                 |
| PULL #4 | 4.44             | 4.29                     |                                | 4.35                                 |
| PULL #5 | 4.26             | 4.26                     |                                | 4.35                                 |
| TOTAL   | 21.44            | 21.27                    |                                | 21.75                                |
| AVG.    | 4.288            | 4.254                    |                                | 4.35                                 |

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6522354

| OP. #        | OP. NAME                                                       | READINGS | DATE    | INIT |
|--------------|----------------------------------------------------------------|----------|---------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 6 29     | 90      | RW   |
| 600          | Proof                                                          | 6 29     | 90      | RW   |
| 607          | Check Headspace                                                | 6 29     | 90      | RW   |
| 610          | Dis-assemble Gun                                               | 6 29     | 90      | RW   |
| 612          | Magnaflux Barrel<br>Action                                     |          | 7-12-90 | KR   |
|              | Magnaflux Bolt                                                 |          | 7-12-90 | KR   |
| 615          | Rollmark Caliber                                               |          | 7-12-90 | L.S. |
| 617          | Drill and Tap Sight Holes                                      |          | 7/13/90 | FB   |
| 618          | Polish Barrel AB                                               |          | 7/16/90 | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 7-23-90 | TA   |
|              | Apply Coating (Bolt)                                           |          |         |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 7/25/90 | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 7/25/90 | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 7/25/90 | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 7/25/90 | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 8/24/90 | 98   |

| op. #        | OP. NAME                                                    | READINGS |       |       |      |      | DATE    | INIT |
|--------------|-------------------------------------------------------------|----------|-------|-------|------|------|---------|------|
| 625<br>cont. | F) Safety On Force                                          | 4        | 4     | 4     |      |      | 8/2/90  | RL   |
|              | G) Safety Off Force                                         | 3        | 2     | 3     |      |      | 8/2/90  | RL   |
|              | H) Trigger Pull Test & Retainability                        |          |       |       |      |      | 8/24/90 | RL   |
|              | I) Firing Pin Indent                                        | .0225    | .0225 | .0225 |      |      | 8/2/90  | RL   |
|              | J) Assemble Stock                                           |          |       |       |      |      | 8/6/90  | RW   |
|              | K) Assemble Swivel Studs                                    |          |       |       |      |      | 8/29/90 | RL   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |       |       |      |      | 8/6/90  | RW   |
|              | M) Iron Sight Alignment                                     |          |       |       |      |      | 8/6/90  | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |       |       |      |      | 8/6/90  | RW   |
|              | O) Attach Scope to Rifle                                    |          |       |       |      |      | 8/6/90  | RW   |
|              | P) Detach & Attach Scope 20 Times                           |          |       |       |      |      | 8/6/90  | RW   |
| 640          | Gallery Target & Test                                       |          |       |       |      |      | 8-7-90  | KI   |
|              | A) Time                                                     |          |       |       |      |      |         | KI   |
|              | B) Malfunctions                                             |          |       |       |      |      |         | KI   |
|              | C) Pierced Primers                                          |          |       |       |      |      |         | KI   |
|              | D) Optical Clarity of Scope                                 |          |       |       |      |      |         | KI   |
| 645          | Inspect for Live Ammo                                       |          |       |       |      |      | 8-7-90  | KI   |
| 655          | Final Inspection                                            |          |       |       |      |      |         |      |
|              | A) Headspace                                                |          |       |       |      |      | 8/29/90 | RL   |
|              | B) Trigger Pull                                             | 2.46     | 2.36  | 2.48  | 2.49 | 2.50 | 8/24/90 | RL   |
|              | C) Function                                                 |          |       |       |      |      | 8/29/90 | RL   |
| 660          | Pack                                                        |          |       |       |      |      | 9/20/90 | RF   |