

C6587573

MODEL 700™ N24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5715**

\*Includes 1 in chamber.

*Remington*

| MOD. _____ |      | GA.<br>CAL. _____                        | GUN<br># _____        |
|------------|------|------------------------------------------|-----------------------|
| #<br>TEST  | DATE | MALFUNCTION/DEFECT                       | ASSEM.<br>#           |
|            | 1st  | Mag box<br>locks hard                    | <i>[Signature]</i>    |
|            | 2nd  | Adjust mag Box<br>Repaired<br>Bench test | 11/11/91<br><i>RW</i> |
|            | 3rd  |                                          |                       |
|            | 4th  |                                          |                       |

FUNCTION \_\_\_\_\_

RD 6654      Rev 1

| TEST INIT. ACTION TO CORRECT |          | ASSEM.<br># |
|------------------------------|----------|-------------|
| PROOF                        |          |             |
| TEST                         |          |             |
| TGT                          |          |             |
| PROOF                        |          |             |
| TEST                         |          |             |
| TGT                          |          |             |
| PROOF                        | ENGINEER |             |
| TEST                         |          |             |
| TGT                          |          |             |
| PROOF                        | ENGINEER |             |
| TEST                         |          |             |
| TGT                          |          |             |



SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587573.\_\_\_0  
FILE DATE AND TIME: 09/08/2007 06:49

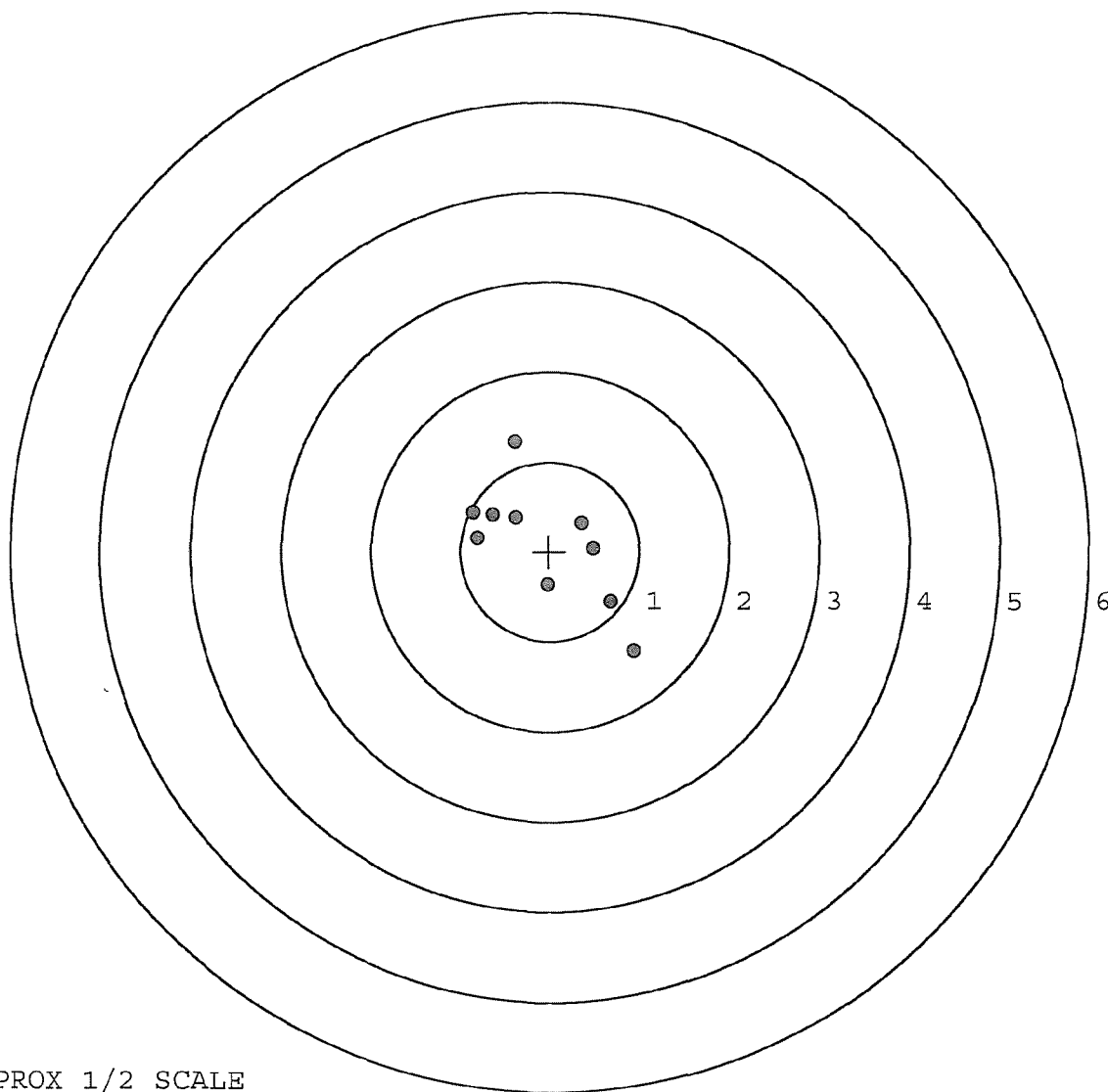
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | 0.043  |
| The Average Y Centroid of the Five Target Set:              | -0.055 |
| The Average Point of Impact of the Five Target Set:         | 0.070  |
| The Average Mean Radius of the Five Target Set:             | 0.725  |
| The Distance from POA to Centroid Target #1:                | 0.112  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.326  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.276  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.094  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.277  |

SERIAL NUMBER: C6587573. \_\_0  
TARGET NUMBER: 1  
FILE DATE: 09/08/2007  
FILE TIME: 06:49

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.940  | -1.112 |
| 2:     | 0.681  | -0.565 |
| 3:     | -0.025 | -0.375 |
| 4:     | 0.487  | 0.038  |
| 5:     | 0.356  | 0.325  |
| 6:     | -0.390 | 1.223  |
| 7:     | -0.382 | 0.374  |
| 8:     | -0.640 | 0.411  |
| 9:     | -0.816 | 0.148  |
| 10:    | -0.865 | 0.439  |

X CENTROID: -0.065  
Y CENTROID: 0.091  
POA TO CENTROID: 0.112  
HORZ SPREAD: 1.805  
VERT SPREAD: 2.335  
GROUP SPREAD: 2.687  
MIN RADIUS: 0.425  
MAX RADIUS: 1.568  
MEAN RADIUS: 0.795  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587573. 0

TARGET NUMBER: 2

FILE DATE: 09/08/2007

FILE TIME: 06:49

| POINT# | X | Y |
|--------|---|---|
|--------|---|---|

|    |       |        |
|----|-------|--------|
| 1: | 0.502 | -1.341 |
|----|-------|--------|

|    |       |        |
|----|-------|--------|
| 2: | 0.268 | -0.758 |
|----|-------|--------|

|    |        |        |
|----|--------|--------|
| 3: | -0.405 | -0.611 |
|----|--------|--------|

|    |       |        |
|----|-------|--------|
| 4: | 0.744 | -0.321 |
|----|-------|--------|

|    |       |        |
|----|-------|--------|
| 5: | 0.390 | -0.180 |
|----|-------|--------|

|    |       |       |
|----|-------|-------|
| 6: | 0.560 | 0.282 |
|----|-------|-------|

|    |       |       |
|----|-------|-------|
| 7: | 0.572 | 0.582 |
|----|-------|-------|

|    |        |       |
|----|--------|-------|
| 8: | -0.039 | 0.946 |
|----|--------|-------|

|    |        |       |
|----|--------|-------|
| 9: | -0.060 | 0.489 |
|----|--------|-------|

|     |        |       |
|-----|--------|-------|
| 10: | -0.379 | 0.170 |
|-----|--------|-------|

X CENTROID: 0.215

Y CENTROID: -0.074

POA TO CENTROID: 0.228

HORZ SPREAD: 1.149

VERT SPREAD: 2.287

GROUP SPREAD: 2.350

MIN RADIUS: 0.204

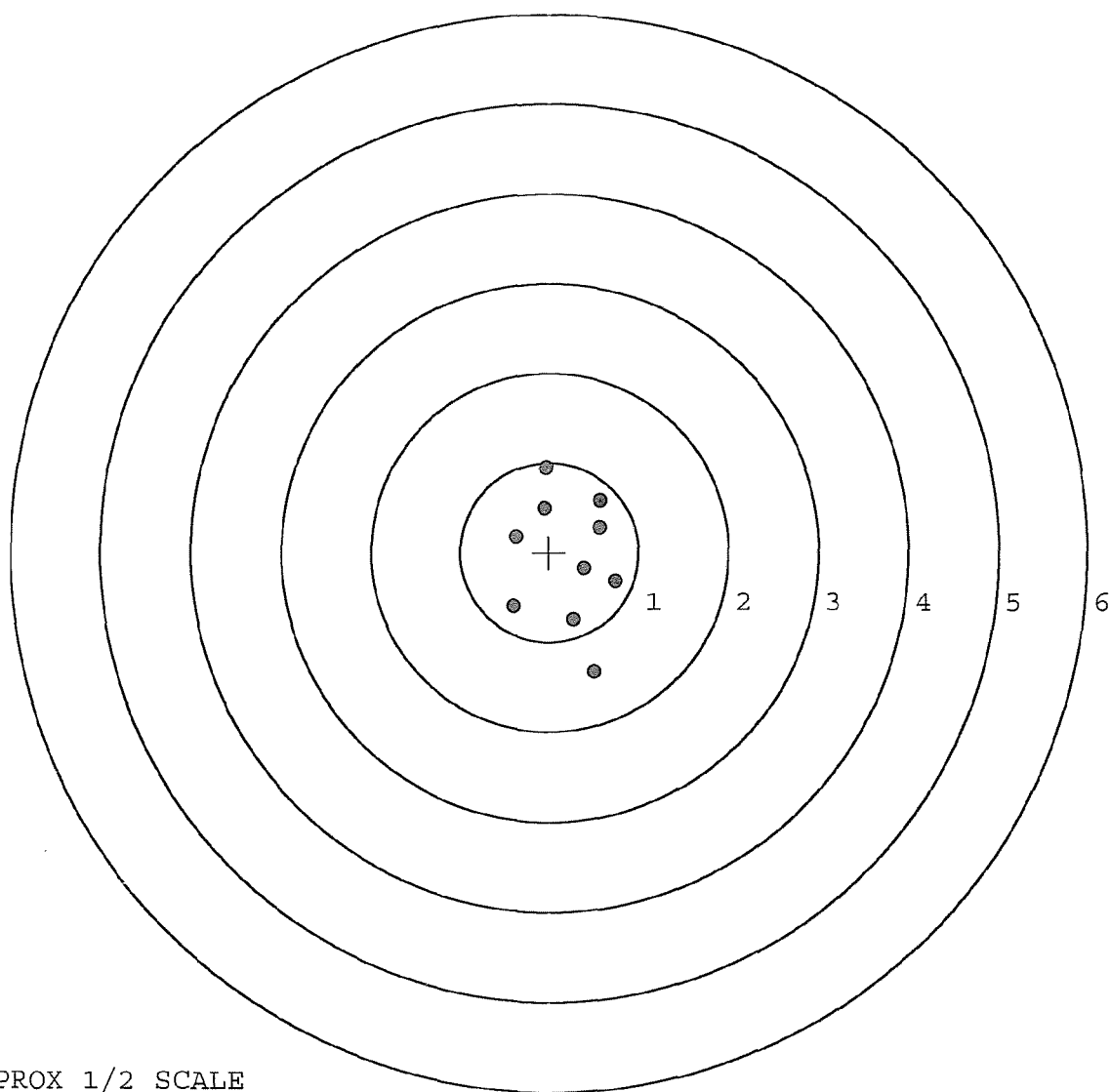
MAX RADIUS: 1.299

MEAN RADIUS: 0.716

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 8

# in 3 IN DIAMETER: 10



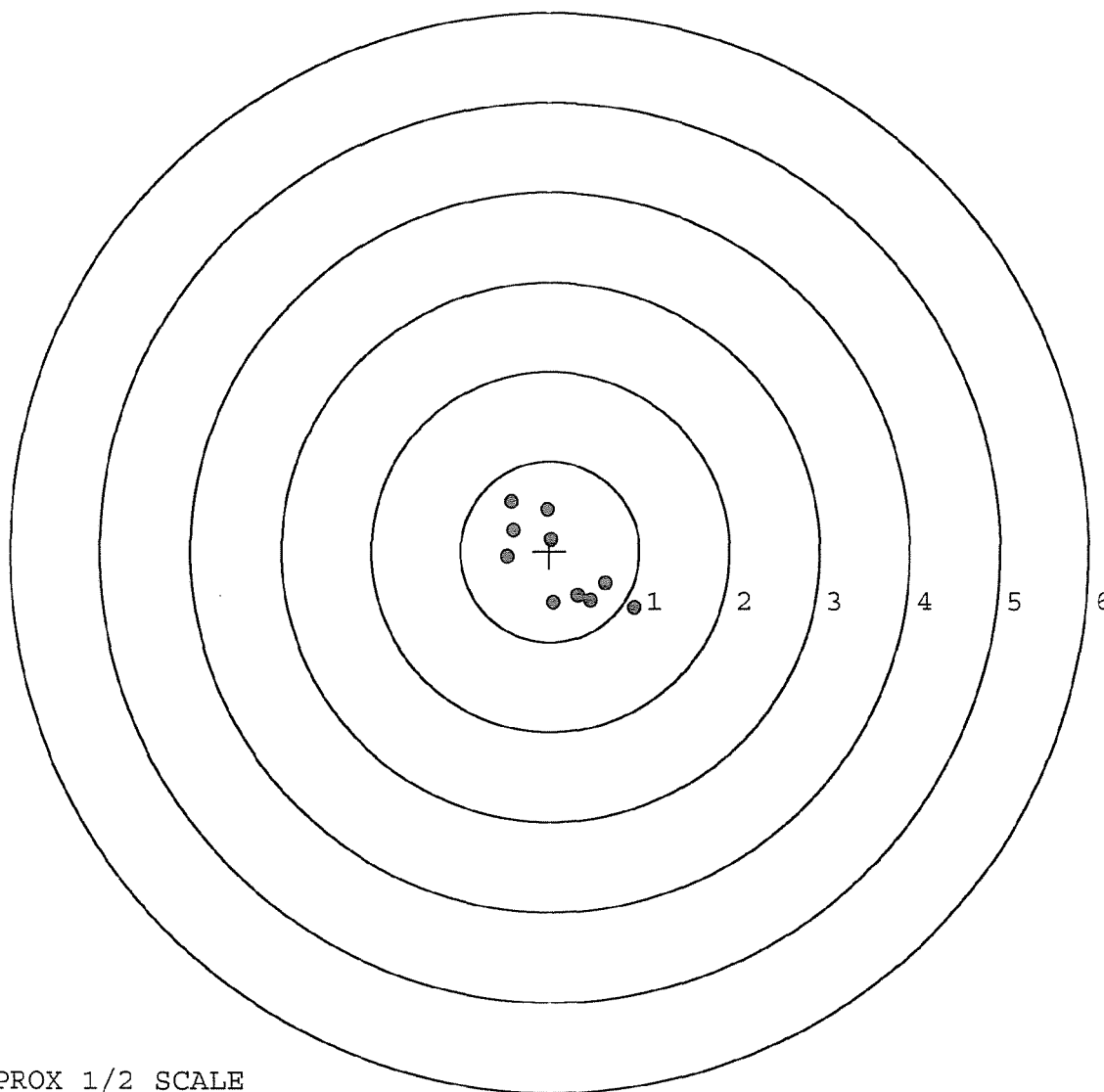
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587573. \_\_0  
TARGET NUMBER: 3  
FILE DATE: 09/08/2007  
FILE TIME: 06:49

X CENTROID: 0.104  
Y CENTROID: -0.127  
POA TO CENTROID: 0.164  
HORZ SPREAD: 1.423  
VERT SPREAD: 1.170  
GROUP SPREAD: 1.805  
MIN RADIUS: 0.272  
MAX RADIUS: 0.973  
MEAN RADIUS: 0.590

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.943  | -0.620 |
| 2:     | 0.620  | -0.352 |
| 3:     | 0.454  | -0.545 |
| 4:     | 0.046  | -0.573 |
| 5:     | -0.431 | 0.550  |
| 6:     | -0.410 | 0.230  |
| 7:     | -0.480 | -0.065 |
| 8:     | 0.020  | 0.132  |
| 9:     | -0.033 | 0.460  |
| 10:    | 0.315  | -0.486 |

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

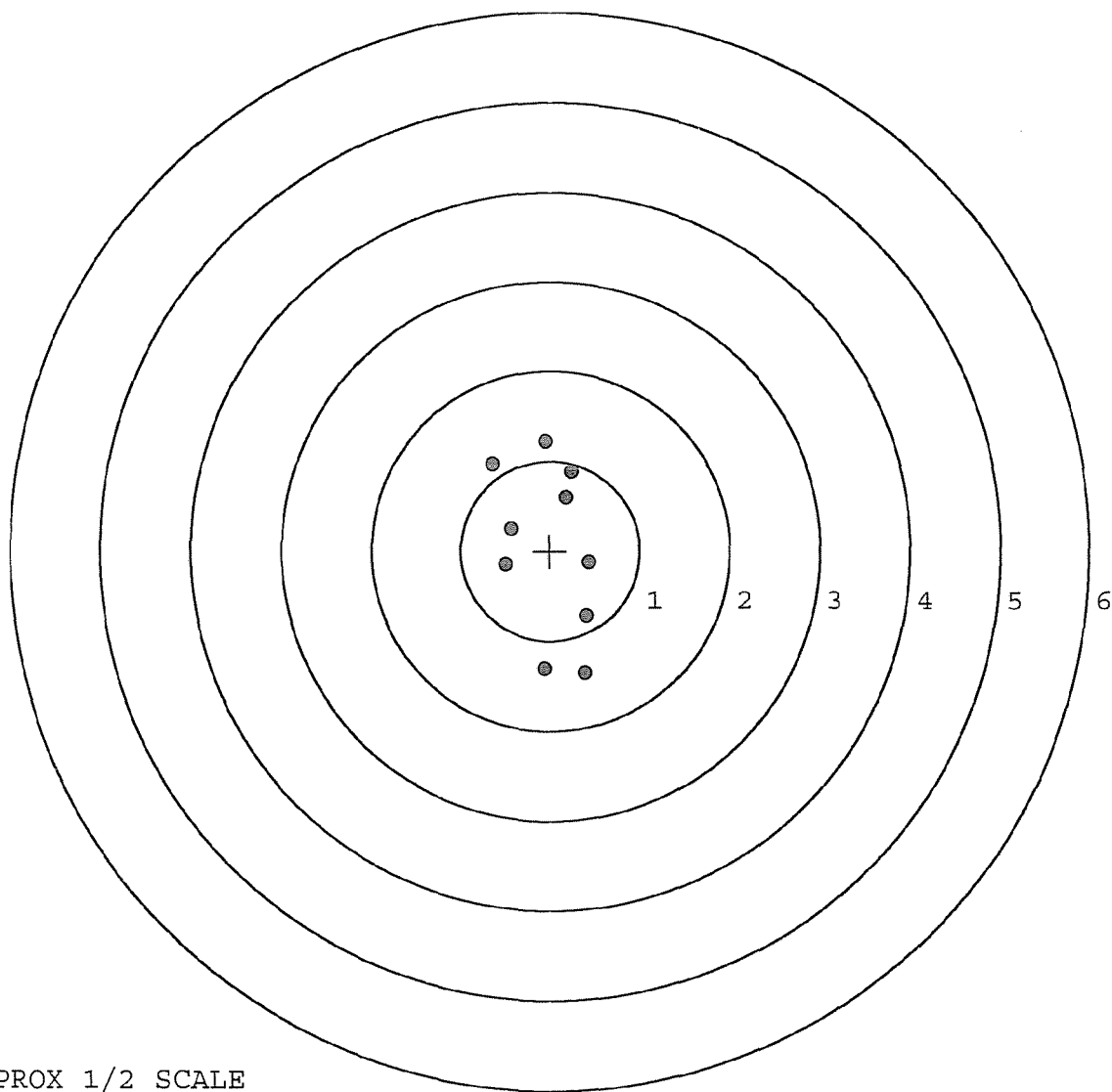


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587573. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 09/08/2007  
FILE TIME: 06:49

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.062 | -1.318 |
| 2:     | 0.389  | -1.361 |
| 3:     | 0.406  | -0.733 |
| 4:     | 0.435  | -0.131 |
| 5:     | -0.498 | -0.157 |
| 6:     | -0.435 | 0.241  |
| 7:     | -0.644 | 0.961  |
| 8:     | -0.059 | 1.218  |
| 9:     | 0.245  | 0.881  |
| 10:    | 0.185  | 0.599  |

X CENTROID: -0.004  
Y CENTROID: 0.020  
POA TO CENTROID: 0.020  
HORZ SPREAD: 1.079  
VERT SPREAD: 2.579  
GROUP SPREAD: 2.618  
MIN RADIUS: 0.464  
MAX RADIUS: 1.436  
MEAN RADIUS: 0.895  
# IN 1 IN DIAMETER: 2  
# IN 2 IN DIAMETER: 6  
# in 3 IN DIAMETER: 10

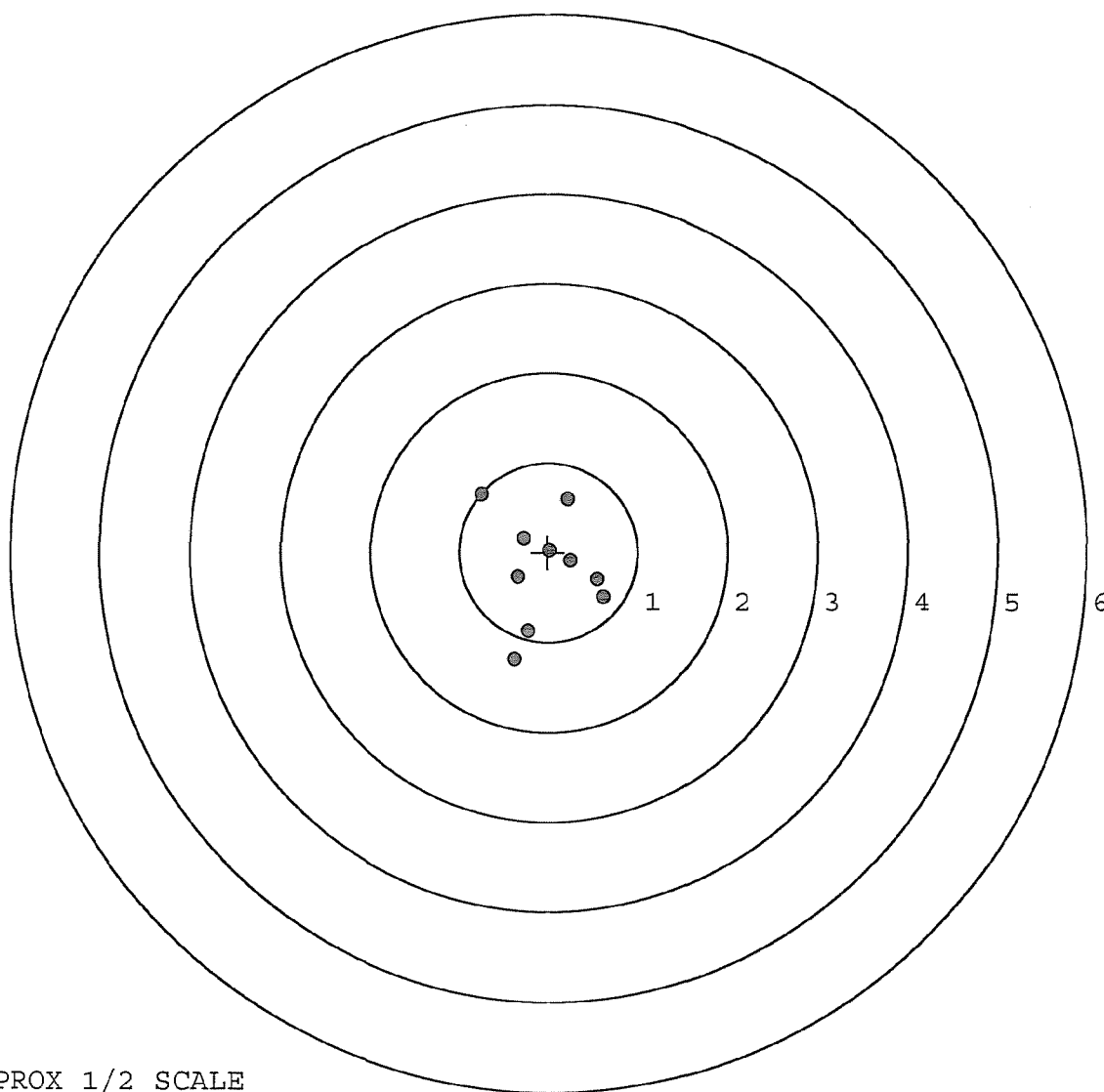


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587573. \_\_0  
TARGET NUMBER: 5  
FILE DATE: 09/08/2007  
FILE TIME: 06:49

X CENTROID: -0.034  
Y CENTROID: -0.184  
POA TO CENTROID: 0.188  
HORZ SPREAD: 1.365  
VERT SPREAD: 1.853  
GROUP SPREAD: 1.889  
MIN RADIUS: 0.216  
MAX RADIUS: 1.100  
MEAN RADIUS: 0.630  
# IN 1 IN DIAMETER: 4  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.381 | -1.200 |
| 2:     | -0.233 | -0.886 |
| 3:     | 0.618  | -0.506 |
| 4:     | 0.547  | -0.301 |
| 5:     | 0.253  | -0.098 |
| 6:     | 0.014  | 0.026  |
| 7:     | -0.343 | -0.280 |
| 8:     | -0.285 | 0.154  |
| 9:     | 0.216  | 0.594  |
| 10:    | -0.747 | 0.653  |



TARGET APPROX 1/2 SCALE

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

|               |  |          |  |
|---------------|--|----------|--|
| R & E NUMBER  |  | 131395   |  |
| SERIAL NUMBER |  | C6587573 |  |
| LOG-IN DATE   |  | 7-17-07  |  |

| OPERATION # | OPERATION NAME       | DATE                                      | INITIAL                             |
|-------------|----------------------|-------------------------------------------|-------------------------------------|
| 500         | DIS-ASSEMBLE GUN     | 8-14-07                                   | RTZ                                 |
| 505         | RE-BARREL            | 8-25-07                                   | RTZ                                 |
| 560         | ASSEMBLE             | 8-20-07                                   | RTZ                                 |
| 600         | PROOF                | 8/23/07                                   | mon                                 |
| 605         | CHECK HEADSPACE      | 8/23/07                                   | mon                                 |
| 610         | DIS-ASSEMBLE GUN     | 8-25-07                                   | RTZ                                 |
| 612         | MAGNAFLUX            | 8-30-07                                   | JB                                  |
| 510         | DRILL AND TAP        | 8-27-07                                   | TRW                                 |
| 615         | ROLLMARK CALIBER     | 8-28-07                                   | CW                                  |
| 618         | ROTO-BLAST           | 8-30-07                                   | LY                                  |
| 620         | APPLY COATINGS       | 8/31/07                                   | ZB                                  |
| 625         | FINAL ASSEMBLY       | 9-7-07                                    | RTZ                                 |
| 640         | FUNCTION TEST AND    | PASS FAIL 9/1/07                          | mon                                 |
| 650         | TARGET               | PASS FAIL 9/1/07                          | mon                                 |
|             | MALFUNCTION          | CORRECTION                                |                                     |
|             | MALFUNCTION          | CORRECTION                                |                                     |
|             | MALFUNCTION          | CORRECTION                                |                                     |
|             | MALFUNCTION          | CORRECTION                                |                                     |
| 670         | FINAL INSPECTION     | 9-12-07                                   | DA                                  |
|             | A) HEADSPACE         | PASS FAIL 9-12-07                         | DA                                  |
|             | B) TRIGGER PULL      | +/- .5 LBS<br>MIN 2.50 LBS<br>MAX 4.0 LBS | 2.40 2.41 2.43 2.44 2.48 9-10-07 DA |
| 680         | F) SAFETY ON FORCE   | 2 LBS MIN<br>10 LBS MAX                   | 45 45 45 9-12-07 DA                 |
|             | G) SAFETY OFF FORCE  | 2 LBS MIN                                 | 25 25 25 9-12-07 DA                 |
|             | I) FIRING PIN INDENT | .020                                      | .023 .0225 .0225 9-12-07 DA         |
| 690         | PACK                 |                                           | 9-12-07 DA                          |

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: **RE00036598** Serial: C6587573 Model 700 Center Fire Caliber: 7 62 NATO SWS M24 WOG 1 of 10 Repairman: Status: Closed 11/30/01 10:19:17 AM

Verify Repair **High Priority**

**Address Information**

Customer: Received From Return To: Received From

Name: Address 1: Address 2: PO Box: City: FORT BRAGG State: NC Zip Code: Country: FORT BRAGG State: NC Zip Code: Country:

FFL:

**Contact / Condition** Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: Fair

Condition Notes: CSR Notes:

Accessories Received

| Code | Desc       | Qty |
|------|------------|-----|
| A007 | With Studs | 3   |
| A010 | Hard Case  | 1   |
| A017 | Scope Base | 1   |
| A026 | Scope      | 1   |

Repair Search Refresh Close

naglelj 11/30/01 11:09 AM CAPS NUM INS SCRL

Start ... C.. A. S. P. T. D. E. S. V. I. 11:09 AM

Serial Number: **C6587573**

Model: **700**



**RE00036598**

**M-24 INSPECTION CHECKLIST**  
**CONTRACT #: DAAE-20-97-C-242**

|                     |                    |                     |         |
|---------------------|--------------------|---------------------|---------|
| R & E NUMBER        | 36598              |                     |         |
| SERIAL NUMBER       | C6582573           |                     |         |
| LOG-IN DATE         | 11-30-01           |                     |         |
| INSPECT AND VERIFY: |                    |                     |         |
| OPERATION #         | OPERATION NAME     | DATE                | INITIAL |
| 550                 | DIS-ASSEMBLE GUN   | 12-2-01             | RTH     |
| 560 A               | RE-BARREL          | 12/3/01             | BWT     |
| B                   | DRILL AND TAP      | 12/3/01             | BWT     |
| 575                 | ASSEMBLE           | 12-4-01             | RTH     |
| 600                 | PROOF              | 12-4-01             | RTH     |
| 605                 | CHECK HEADSPACE    | 12-4-01             | RTH     |
| 610                 | DIS-ASSEMBLE GUN   | 12-4-01             | RTH     |
| 612                 | MAGNAFLUX          |                     | AC      |
| 615                 | ROLLMARK CALIBER   | 12-4-01             | RTH     |
| 618                 | ROTO-BLAST         | 12/7-01             | SO      |
| 620                 | APPLY COATINGS     | 12-10-01            | TAJ     |
| 625 A               | FINAL ASSEMBLY     | 12-12-01            | RTH     |
| B                   | TRIGGER PULL TEST  |                     |         |
| C                   | SAFETY "ON" FORCE  |                     |         |
| D                   | SAFETY "OFF" FORCE |                     |         |
| E                   | FIRING PIN INDENT  |                     |         |
| 640                 | TARGET             | 12-12-01            | RTH     |
| 655                 | FINAL INSPECT      | 12-18-01            | RTH     |
| 660                 | PACK               |                     |         |
|                     |                    | SHIP DATE           |         |
|                     |                    | QAR INSPECTION DATE |         |

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587573.\_\_\_0  
FILE DATE AND TIME: 12/12/2001 04:10

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

|                                                             |        |
|-------------------------------------------------------------|--------|
| The Average X Centroid of the Five Target Set:              | -0.022 |
| The Average Y Centroid of the Five Target Set:              | -0.043 |
| The Average Point of Impact of the Five Target Set:         | 0.048  |
| The Average Mean Radius of the Five Target Set:             | 0.551  |
| The Distance from POA to Centroid Target #1:                | 0.120  |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.251  |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.145  |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.359  |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.200  |

SERIAL NUMBER: C6587573. 0

TARGET NUMBER: 1

FILE DATE: 12/12/2001

FILE TIME: 04:10

| POINT# | X | Y |
|--------|---|---|
|--------|---|---|

|    |        |       |
|----|--------|-------|
| 1: | -0.111 | 0.591 |
|----|--------|-------|

|    |        |       |
|----|--------|-------|
| 2: | -0.363 | 0.776 |
|----|--------|-------|

|    |        |       |
|----|--------|-------|
| 3: | -0.468 | 0.411 |
|----|--------|-------|

|    |        |       |
|----|--------|-------|
| 4: | -0.620 | 0.121 |
|----|--------|-------|

|    |       |       |
|----|-------|-------|
| 5: | 0.114 | 0.069 |
|----|-------|-------|

|    |       |       |
|----|-------|-------|
| 6: | 0.077 | 0.311 |
|----|-------|-------|

|    |       |       |
|----|-------|-------|
| 7: | 0.287 | 0.201 |
|----|-------|-------|

|    |       |        |
|----|-------|--------|
| 8: | 0.699 | -0.283 |
|----|-------|--------|

|    |       |        |
|----|-------|--------|
| 9: | 0.455 | -0.404 |
|----|-------|--------|

|     |       |        |
|-----|-------|--------|
| 10: | 0.065 | -0.601 |
|-----|-------|--------|

X CENTROID: 0.013

Y CENTROID: 0.119

POA TO CENTROID: 0.120

HORZ SPREAD: 1.319

VERT SPREAD: 1.377

GROUP SPREAD: 1.500

MIN RADIUS: 0.112

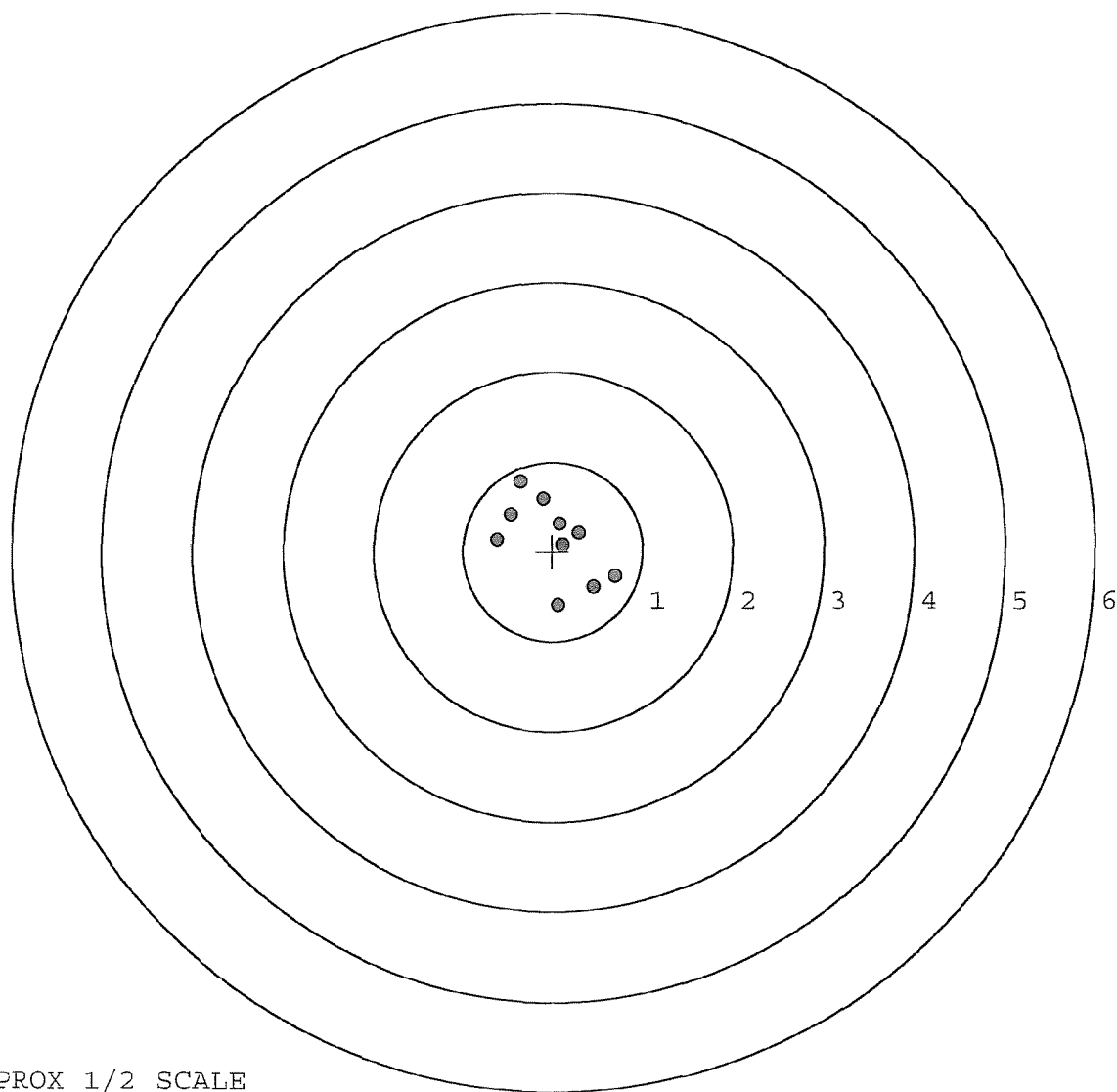
MAX RADIUS: 0.795

MEAN RADIUS: 0.524

# IN 1 IN DIAMETER: 4

# IN 2 IN DIAMETER: 10

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587573. \_\_0

TARGET NUMBER: 2

FILE DATE: 12/12/2001

FILE TIME: 04:10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.416 | 0.742  |
| 2:     | 0.598  | 0.562  |
| 3:     | -0.213 | 0.059  |
| 4:     | -1.052 | -0.719 |
| 5:     | -0.445 | -0.409 |
| 6:     | -0.296 | -0.322 |
| 7:     | 0.022  | -0.355 |
| 8:     | 0.174  | -0.138 |
| 9:     | 0.373  | -0.157 |
| 10:    | 0.344  | -0.357 |

X CENTROID: -0.091

Y CENTROID: -0.109

POA TO CENTROID: 0.142

HORZ SPREAD: 1.650

VERT SPREAD: 1.461

GROUP SPREAD: 2.089

MIN RADIUS: 0.208

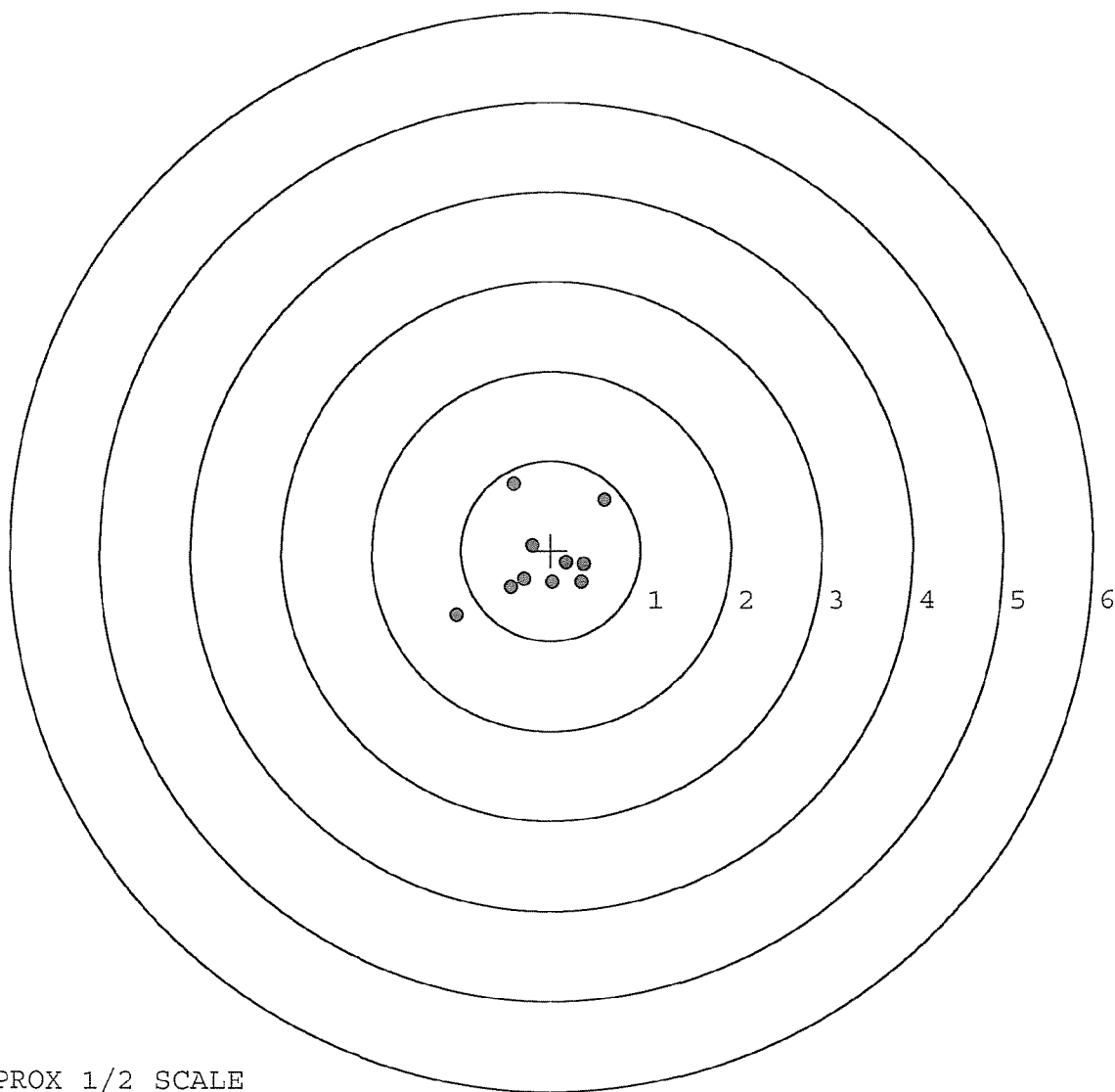
MAX RADIUS: 1.138

MEAN RADIUS: 0.548

# IN 1 IN DIAMETER: 6

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587573. 0

TARGET NUMBER: 3

FILE DATE: 12/12/2001

FILE TIME: 04:10

| POINT# | X | Y |
|--------|---|---|
|--------|---|---|

|    |        |        |
|----|--------|--------|
| 1: | -0.067 | -0.960 |
|----|--------|--------|

|    |        |        |
|----|--------|--------|
| 2: | -0.159 | -0.542 |
|----|--------|--------|

|    |       |        |
|----|-------|--------|
| 3: | 0.681 | -0.510 |
|----|-------|--------|

|    |        |        |
|----|--------|--------|
| 4: | -0.446 | -0.100 |
|----|--------|--------|

|    |        |       |
|----|--------|-------|
| 5: | -0.624 | 0.058 |
|----|--------|-------|

|    |        |       |
|----|--------|-------|
| 6: | -0.758 | 0.328 |
|----|--------|-------|

|    |        |       |
|----|--------|-------|
| 7: | -0.359 | 0.642 |
|----|--------|-------|

|    |        |       |
|----|--------|-------|
| 8: | -0.146 | 0.807 |
|----|--------|-------|

|    |       |       |
|----|-------|-------|
| 9: | 0.135 | 0.474 |
|----|-------|-------|

|     |       |       |
|-----|-------|-------|
| 10: | 0.590 | 0.337 |
|-----|-------|-------|

X CENTROID: -0.115

Y CENTROID: 0.053

POA TO CENTROID: 0.127

HORZ SPREAD: 1.439

VERT SPREAD: 1.767

GROUP SPREAD: 1.769

MIN RADIUS: 0.365

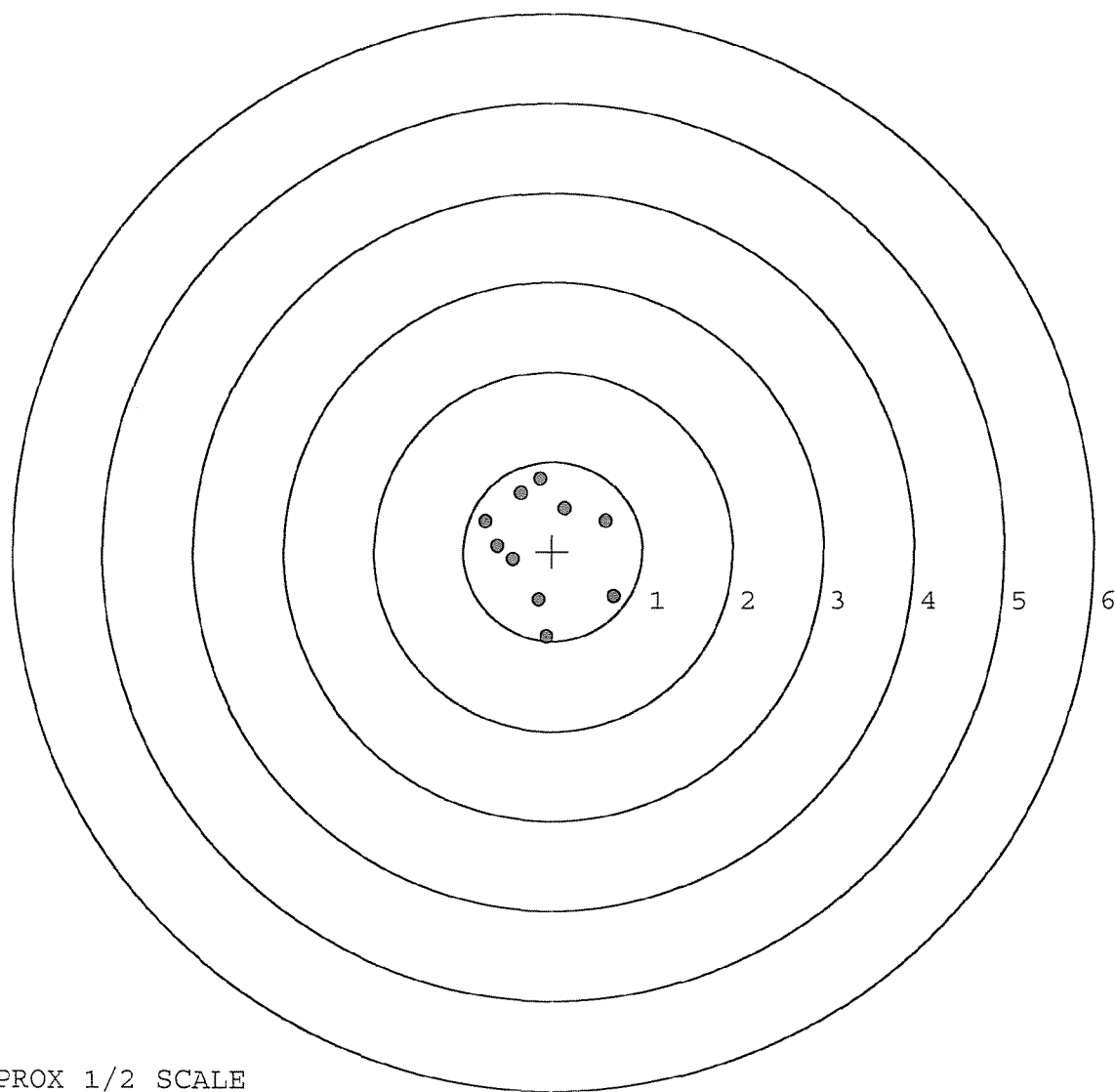
MAX RADIUS: 1.015

MEAN RADIUS: 0.680

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587573. \_\_0

TARGET NUMBER: 4

FILE DATE: 12/12/2001

FILE TIME: 04:10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.194  | 1.184  |
| 2:     | -0.268 | 0.352  |
| 3:     | 0.676  | -0.492 |
| 4:     | 0.564  | -0.175 |
| 5:     | -0.244 | -0.797 |
| 6:     | 0.218  | -0.748 |
| 7:     | -0.056 | -0.315 |
| 8:     | 0.152  | -0.110 |
| 9:     | 0.213  | -0.547 |
| 10:    | 0.039  | -0.485 |

X CENTROID: 0.149

Y CENTROID: -0.213

POA TO CENTROID: 0.260

HORZ SPREAD: 0.944

VERT SPREAD: 1.981

GROUP SPREAD: 2.029

MIN RADIUS: 0.103

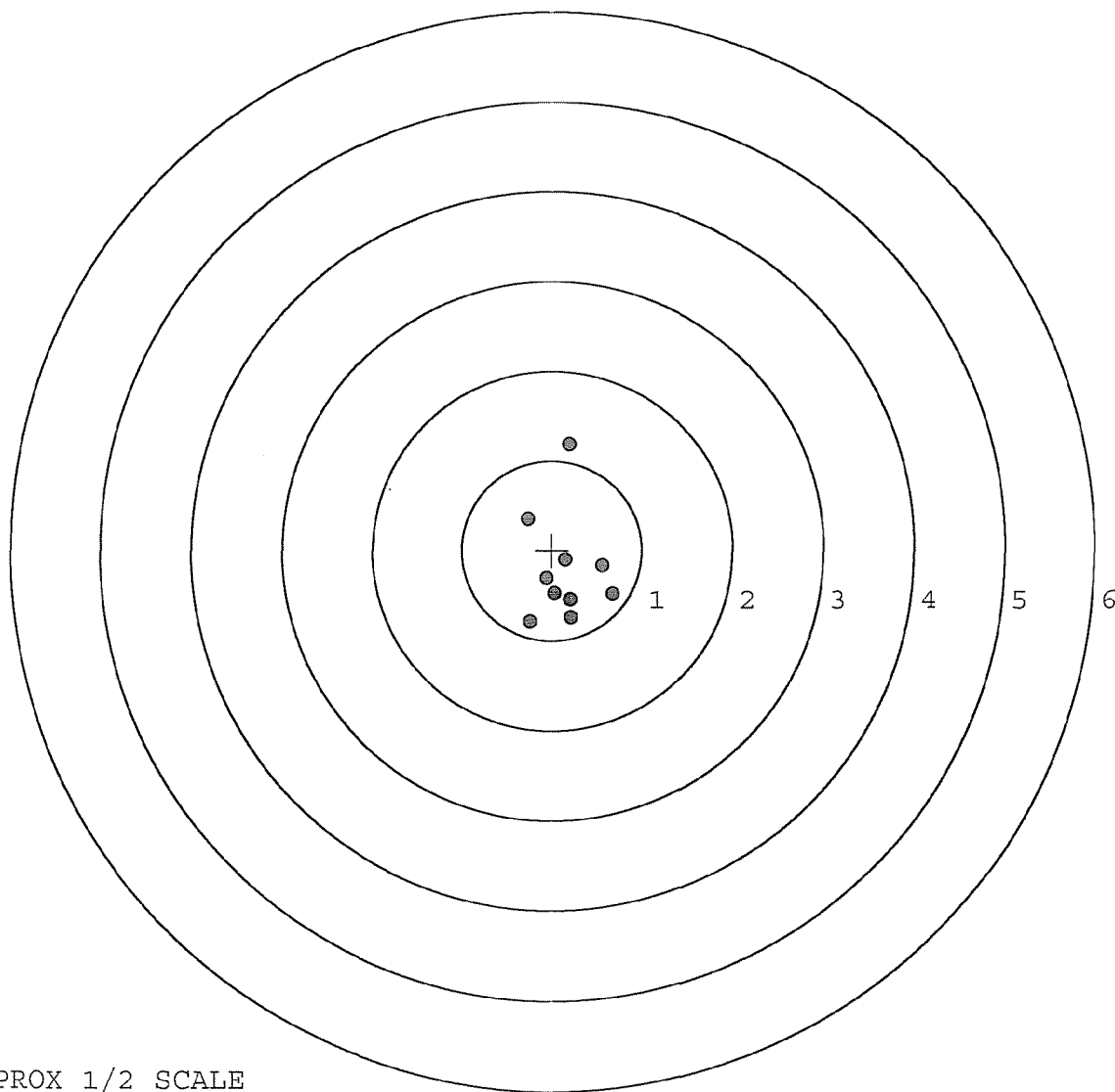
MAX RADIUS: 1.398

MEAN RADIUS: 0.532

# IN 1 IN DIAMETER: 5

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587573. 0

TARGET NUMBER: 5

FILE DATE: 12/12/2001

FILE TIME: 04:10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.600 | 1.005  |
| 2:     | 0.292  | 0.156  |
| 3:     | 0.343  | -0.411 |
| 4:     | -0.176 | -1.014 |
| 5:     | -0.241 | -0.469 |
| 6:     | -0.170 | -0.170 |
| 7:     | -0.142 | -0.011 |
| 8:     | -0.175 | 0.204  |
| 9:     | 0.392  | 0.025  |
| 10:    | -0.175 | 0.042  |

X CENTROID: -0.065

Y CENTROID: -0.064

POA TO CENTROID: 0.092

HORZ SPREAD: 0.992

VERT SPREAD: 2.019

GROUP SPREAD: 2.063

MIN RADIUS: 0.093

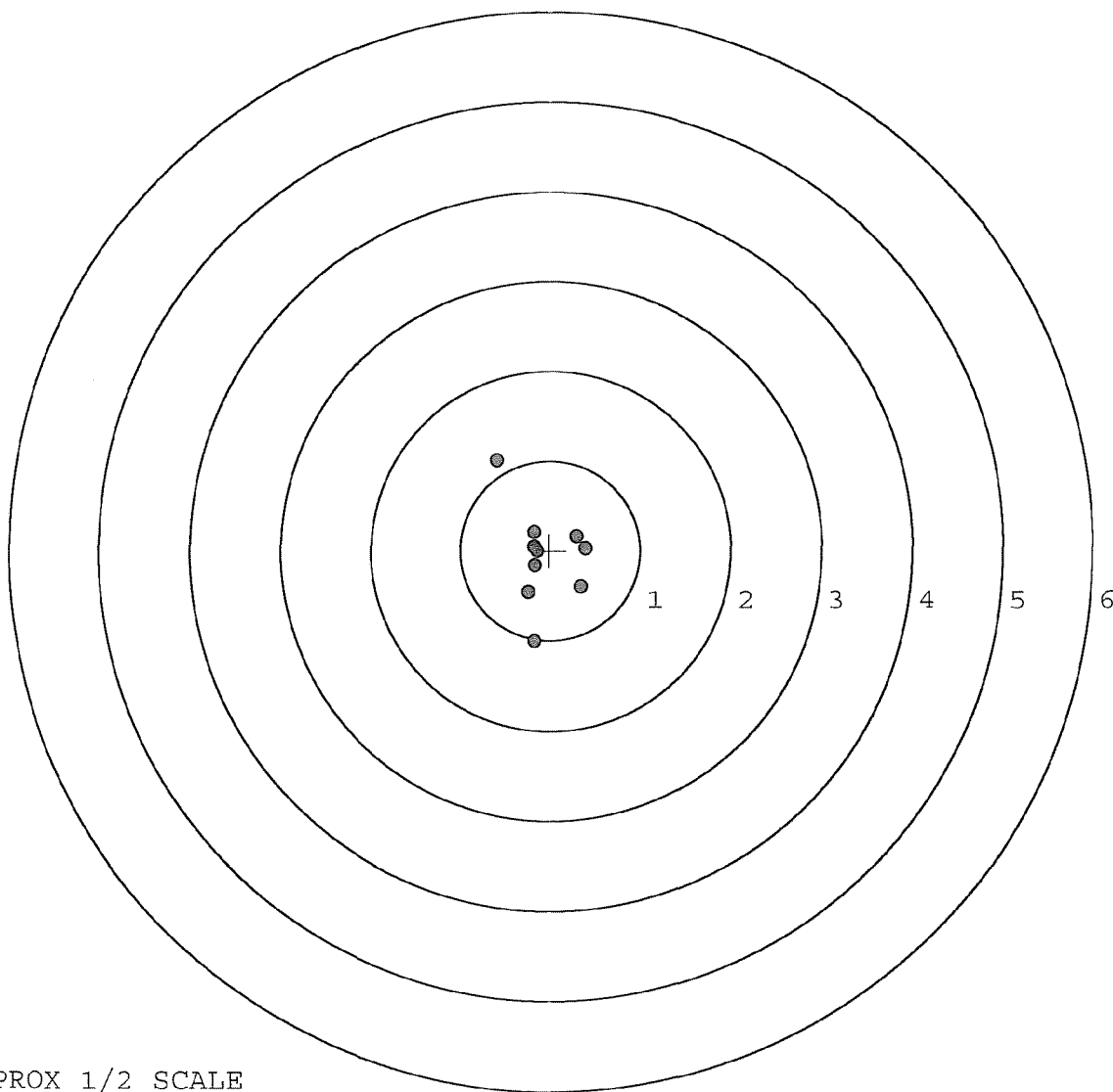
MAX RADIUS: 1.196

MEAN RADIUS: 0.470

# IN 1 IN DIAMETER: 7

# IN 2 IN DIAMETER: 9

# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

**Remington**<sup>®</sup> **DUPONT** REG. U.S. PAT. & TM. OFF.

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

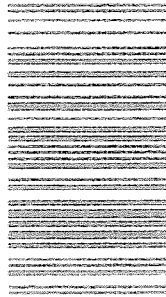
**MODEL 700<sup>TM</sup> H24**

**SERIAL NO.** 06587573

**ORDER NO.** 5716

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

UPC



0 4700 25716 2

5716 06587573

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587573

| OP. #        | OP. NAME                                                       | READINGS | DATE     | INIT |
|--------------|----------------------------------------------------------------|----------|----------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 1024     | 90       | RW   |
| 600          | Proof                                                          | 1024     | 90       | RW   |
| 607          | Check Headspace                                                | 1024     | 90       | RW   |
| 610          | Dis-assemble Gun                                               | 1024     | 90       | RW   |
| 612          | Magnaflux Barrel<br>Action                                     |          | 10/30/90 | KR   |
|              | Magnaflux Bolt                                                 |          | "        | KR   |
| 615          | Rollmark Caliber                                               |          | "        | JS   |
| 617          | Drill and Tap Sight Holes                                      |          | 11/4/90  | LB   |
| 618          | Polish Barrel <i>RB</i>                                        |          | 11/6/90  | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 11-26-90 | PA   |
|              | Apply Coating (Bolt)                                           |          |          | P    |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 12/12/90 | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 12/12/90 | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 12/12/90 | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 12/12/90 | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 1-4-91   | DH   |

| op. #        | OP. NAME                                                    | READINGS |      |      |      |      | DATE    | INIT |
|--------------|-------------------------------------------------------------|----------|------|------|------|------|---------|------|
| 625<br>cont. | F) Safety On Force                                          | 4.75     | 4.50 | 4.75 |      |      | 1/3/91  | KT   |
|              | G) Safety Off Force                                         | 3.0      | 3.0  | 2.75 |      |      | 1/3/91  | KT   |
|              | H) Trigger Pull Test & Retainability                        |          |      |      |      |      | 1-4-91  | DH   |
|              | I) Firing Pin Indent                                        | .020     | .020 | .020 |      |      | 1/3/91  | KT   |
|              | J) Assemble Stock                                           |          |      |      |      |      | 1/9/91  | RW   |
|              | K) Assemble Swivel Studs                                    |          |      |      |      |      | 1-11-91 | JK   |
|              | L) Attach Front and Rear Sight Assemblies                   |          |      |      |      |      | 1/9/91  | RW   |
|              | M) Iron Sight Alignment                                     |          |      |      |      |      | 1/9/91  | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |          |      |      |      |      | 1/9/91  | RW   |
|              | O) Attach Scope to Rifle                                    |          |      |      |      |      | 1/9/91  | RW   |
|              | P) Detach & Attach Scope 20 Times                           |          |      |      |      |      | 1/9/91  | RW   |
| 640          | Gallery Target & Test                                       |          |      |      |      |      | 1-10-91 | AC   |
|              | A) Time                                                     |          |      |      |      |      | 1-10-91 | AC   |
|              | B) Malfunctions                                             |          |      |      |      |      | 1-10-91 | AC   |
|              | C) Pierced Primers                                          |          |      |      |      |      | 1-10-91 | AC   |
|              | D) Optical Clarity of Scope                                 |          |      |      |      |      | 1-10-91 | AC   |
| 645          | Inspect for Live Ammo                                       |          |      |      |      |      | 1-10-91 | AC   |
| 655          | Final Inspection                                            |          |      |      |      |      |         |      |
|              | A) Headspace                                                |          |      |      |      |      | 1-11-91 | JK   |
|              | B) Trigger Pull                                             | 2.00     | 2.10 | 2.15 | 2.15 | 2.18 | 1-11-91 | JK   |
|              | C) Function                                                 |          |      |      |      |      | 1-11-91 | JK   |
| 660          | Pack                                                        |          |      |      |      |      | 3/15/91 | WBS  |

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS  
2.50# ± .50#  
3.00# ± .75#  
4.00# ± 1.00#

SERIAL NO. C6587573

DATE 1-4-91

TESTER DH

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.47             | 2.45                     | 2.36                           | 2.00 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.52             | 2.48                     | 2.48                           | 2.10 |                                                                        |
| PULL #3 | 2.45             | 2.49                     | 2.33                           | 2.15 |                                                                        |
| PULL #4 | 2.60             | 2.53                     | 2.45                           | 2.15 |                                                                        |
| PULL #5 | 2.59             | 2.58                     | 2.48                           | 2.18 |                                                                        |
| TOTAL   | 12.63            | 12.53                    | 12.30                          |      |                                                                        |
| AVG.    | 2.52             | 2.50                     | 2.46                           |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.44             | 3.39                     |  |          |
| PULL #2 | 3.44             | 3.34                     |  |          |
| PULL #3 | 3.28             | 3.29                     |  |          |
| PULL #4 | 3.20             | 3.26                     |  |          |
| PULL #5 | 3.34             | 3.21                     |  |          |
| TOTAL   |                  |                          |  |          |
| AVG.    |                  |                          |  |          |

|         | 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 | 4.16             | 4.08                     |                                | 4.02                                 |
| PULL #2 | 4.15             | 4.25                     |                                | 4.14                                 |
| PULL #3 | 4.23             | 4.01                     |                                | 4.06                                 |
| PULL #4 | 4.23             | 4.22                     |                                | 4.02                                 |
| PULL #5 | 4.09             | 4.22                     |                                | 4.01                                 |
| TOTAL   | 20.86            | 20.78                    |                                | 20.25                                |
| AVG.    | 4.17             | 4.15                     |                                | 4.05                                 |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # 06587573  
11 Jan 1991

CENTROIDAL DISTANCES

|      |   |          |
|------|---|----------|
| 0 TO | 1 | .26552   |
| 1 TO | 2 | .279508  |
| 1 TO | 3 | .0984327 |
| 1 TO | 4 | .191024  |
| 1 TO | 5 | .314659  |

POI <----FOR

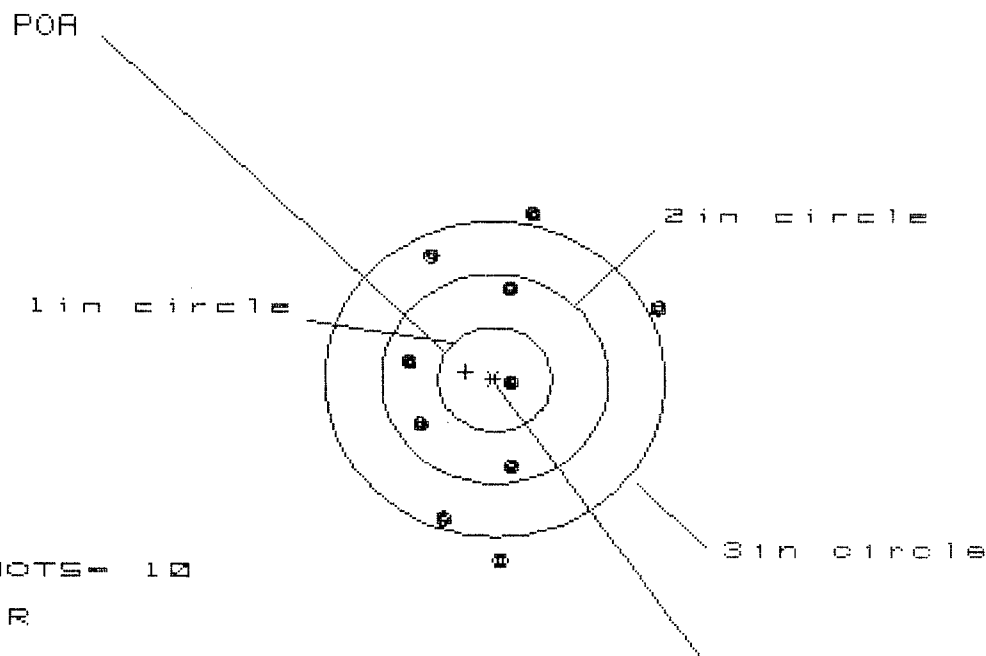
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1722  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0124  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .172646

THE AMR FOR THIS RIFLE IS: 1.067

10 Jan 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C8587573

# CENTERFIRE PATTERNS # 1



# OF SHOTS- 10

# IN CIR

1 in - 1

2 in - 5

3 in - 7

HS- 2.248

VS- 3.261

GS- 3.280

CENTROID \*

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 1      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.471  | 1.475  | .572   |
| MINIMUM X                   | : | -.777  | -.773  | -.588  |
| MAXIMUM Y                   | : | 1.550  | 1.360  | 1.415  |
| MINIMUM Y                   | : | -1.710 | -1.508 | -1.453 |
| CENTROID X                  | : | .255   | .251   | .066   |
| CENTROID Y                  | : | -.074  | .116   | .061   |
| POA TO CENTROID in.         | : | .265   | .276   | .090   |
| MIN RADIUS                  | : | .190   | .299   | .413   |
| MEAN RADIUS                 | : | 1.104  | 1.034  | .953   |
| MAX RADIUS                  | : | 1.711  | 1.562  | 1.526  |
| HORIZONTAL SPREAD           | : | 2.248  | 2.248  | 1.160  |
| VERTICAL SPREAD             | : | 3.261  | 2.868  | 2.868  |
| EXTREME SPREAD              | : | 3.280  | 2.977  | 2.977  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 7      |        |

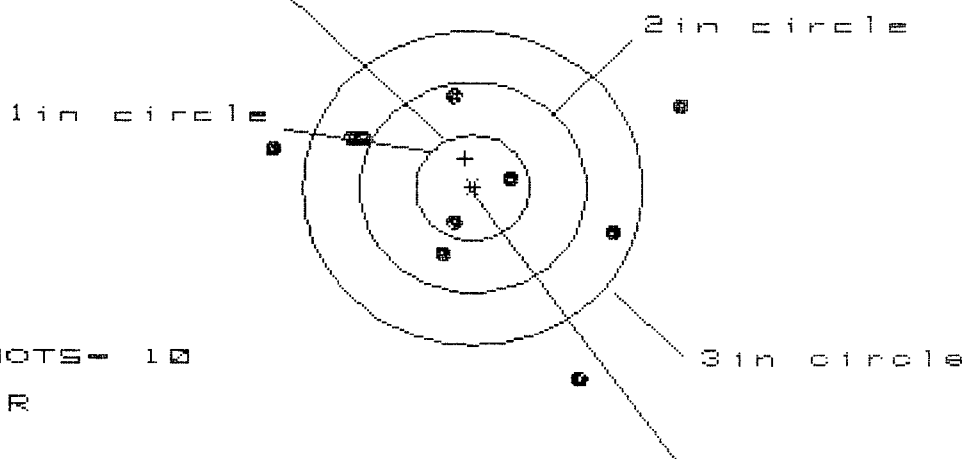
18 Jan 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C8587573

# CENTERFIRE PATTERNS

# 2

POA



# OF SHOTS - 10

# IN CIR

1in = 2

2in = 4

3in = 7

HS= 3.609

VS= 2.695

GS= 3.628

CENTROID #

| PATTERN #                   | : | 2      | 9      | 8      |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.865  | 1.434  | 1.572  |
| MINIMUM X                   | : | -1.744 | -1.537 | -1.399 |
| MAXIMUM Y                   | : | .919   | 1.003  | .792   |
| MINIMUM Y                   | : | -1.776 | -1.692 | -.707  |
| CENTROID X                  | : | .065   | -.142  | -.280  |
| CENTROID Y                  | : | -.279  | -.363  | -.152  |
| POA TO CENTROID in.         | : | .287   | .390   | .319   |
| MIN RADIUS                  | : | .359   | .259   | .495   |
| MEAN RADIUS                 | : | 1.164  | 1.045  | .914   |
| MAX RADIUS                  | : | 2.013  | 2.021  | 1.665  |
| HORIZONTAL SPREAD           | : | 3.609  | 2.971  | 2.971  |
| VERTICAL SPREAD             | : | 2.695  | 2.695  | 1.499  |
| EXTREME SPREAD              | : | 3.628  | 3.416  | 3.080  |
| NUMBER IN ONE INCH CIRCLE   | = | 2      |        |        |
| NUMBER IN TWO INCH CIRCLE   | = | 4      |        |        |
| NUMBER IN THREE INCH CIRCLE | = | 7      |        |        |

18 Jan 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6587573

# CENTERFIRE PATTERNS

# 3

POA

1in circle

2in circle

3in circle

CENTROID \*

# OF SHOTS- 10

# IN CIR

1in = 2

2in = 6

3in = 8

HS= 1.815

VS= 4.292

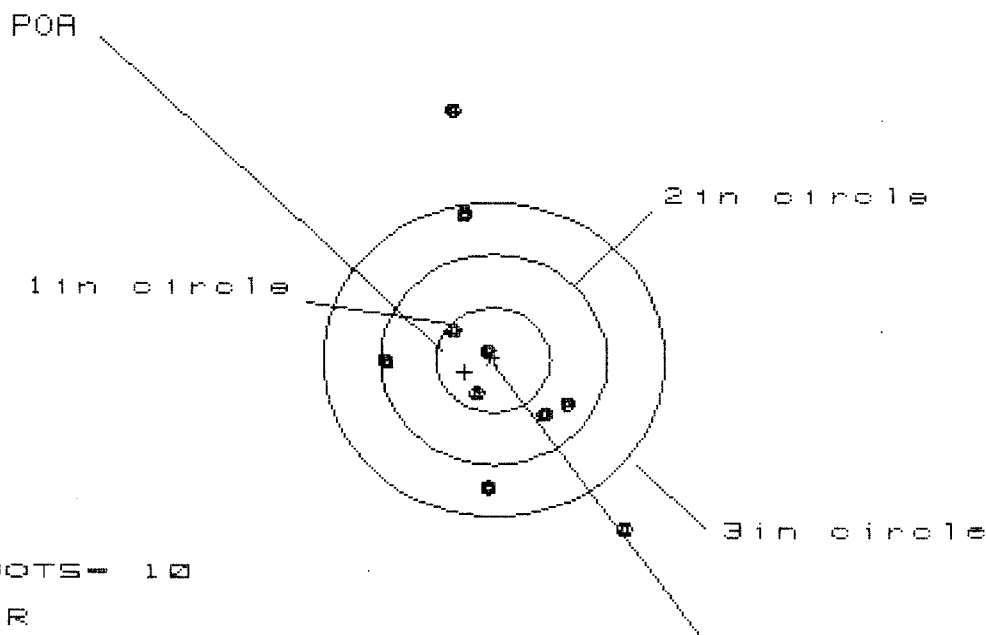
GS= 4.399

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 3      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | .883   | .783   | .786   |
| MINIMUM X                   | : | -.932  | -.834  | -.831  |
| MAXIMUM Y                   | : | 2.389  | 1.053  | .848   |
| MINIMUM Y                   | : | -1.903 | -1.638 | -1.101 |
| CENTROID X                  | : | .163   | .065   | .062   |
| CENTROID Y                  | : | -.039  | -.304  | -.099  |
| POA TO CENTROID in.         | : | .167   | .311   | .117   |
| MIN RADIUS                  | : | .334   | .595   | .424   |
| MEAN RADIUS                 | : | 1.048  | .897   | .758   |
| MAX RADIUS                  | : | 2.547  | 1.638  | 1.126  |
| HORIZONTAL SPREAD           | : | 1.815  | 1.617  | 1.617  |
| VERTICAL SPREAD             | : | 4.292  | 2.691  | 1.949  |
| EXTREME SPREAD              | : | 4.399  | 2.723  | 2.063  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 8      |        |

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FILE:/PATTERNING/CENTERFIRE\_PATT/C8587573

# CENTERFIRE PATTERNS # 4



# OF SHOTS- 10

# IN CIR

1in = 3

2in = 5

3in = 8

HS= 2.095

VS= 4.001

GS= 4.256

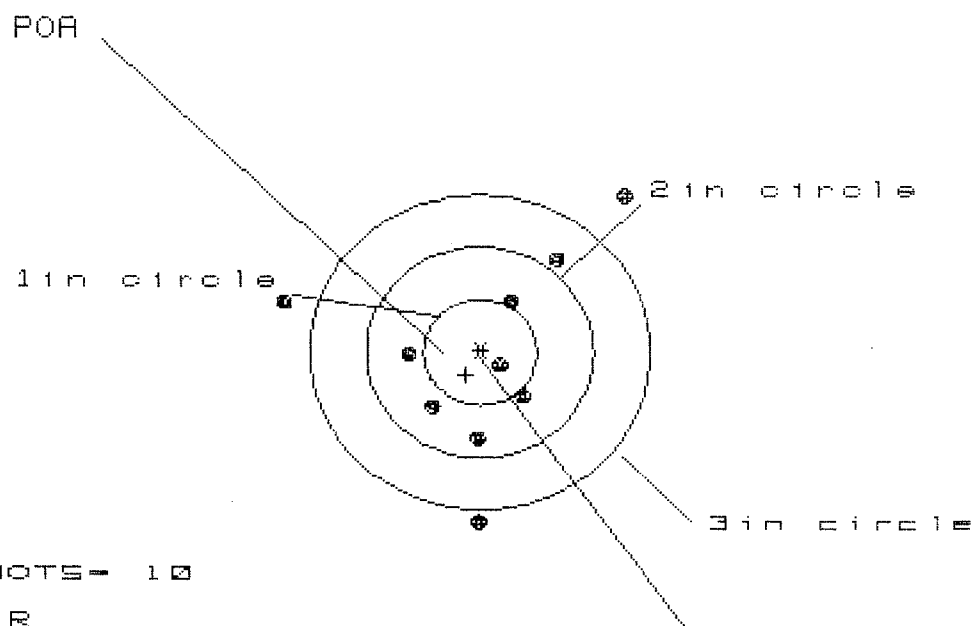
CENTROID #

| PATTERN #                     | 4      |        |        |
|-------------------------------|--------|--------|--------|
| SHOTS (BEST OF)               | 10     | 9      | 8      |
| MAXIMUM X                     | 1.123  | 1.086  | .759   |
| MINIMUM X                     | -.973  | -1.009 | -.873  |
| MAXIMUM Y                     | 2.391  | 1.614  | 1.446  |
| MINIMUM Y                     | -1.610 | -1.344 | -1.113 |
| CENTROID X                    | .252   | .288   | .152   |
| CENTROID Y                    | .117   | -.149  | .019   |
| POA TO CENTROID in.           | .277   | .324   | .153   |
| MIN RADIUS                    | .042   | .235   | .163   |
| MEAN RADIUS                   | 1.028  | .858   | .729   |
| MAX RADIUS                    | 2.414  | 1.728  | 1.455  |
| HORIZONTAL SPREAD             | 2.095  | 2.095  | 1.632  |
| VERTICAL SPREAD               | 4.001  | 2.958  | 2.559  |
| EXTREME SPREAD                | 4.256  | 3.266  | 2.565  |
| NUMBER IN ONE INCH CIRCLE =   |        | 3      |        |
| NUMBER IN TWO INCH CIRCLE =   |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE = |        | 8      |        |

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# CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1in = 1

2in = 6

3in = 7

HS= 2.963

VS= 3.127

GS= 3.386

|                           |   |        |        |        |
|---------------------------|---|--------|--------|--------|
| PATTERN #                 | : | 5      |        |        |
| SHOTS (BEST OF)           | : | 10     | 9      | 8      |
| MAXIMUM X                 | : | 1.284  | .821   | .629   |
| MINIMUM X                 | : | -1.679 | -1.536 | -.644  |
| MAXIMUM Y                 | : | 1.532  | 1.029  | 1.113  |
| MINIMUM Y                 | : | -1.595 | -1.425 | -1.341 |
| CENTROID X                | : | .126   | -.017  | .175   |
| CENTROID Y                | : | .213   | .043   | -.041  |
| POA TO CENTROID in.       | : | .248   | .046   | .180   |
| MIN RADIUS                | : | .191   | .306   | .181   |
| MEAN RADIUS               | : | .990   | .861   | .730   |
| MAX RADIUS                | : | 1.999  | 1.678  | 1.343  |
| HORIZONTAL SPREAD         | : | 2.963  | 2.357  | 1.273  |
| VERTICAL SPREAD           | : | 3.127  | 2.454  | 2.454  |
| EXTREME SPREAD            | : | 3.386  | 2.678  | 2.550  |
| NUMBER IN ONE INCH CIRCLE | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE | = |        | 6      |        |

NUMBER IN THREE INCH CIRCLE =

7