

C6348858

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.



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

|                            |                     |             |         |
|----------------------------|---------------------|-------------|---------|
| R & E NUMBER               | 36059               |             |         |
| SERIAL NUMBER              | C6348858            |             |         |
| LOG-IN DATE                | 11-26-01            |             |         |
| <b>INSPECT AND VERIFY:</b> |                     |             |         |
| OPERATION #                | OPERATION NAME      | DATE        | INITIAL |
| 550                        | DIS-ASSEMBLE GUN    | 11-27-01    | RTH     |
| 560 A                      | RE-BARREL           | 11/28/01    | BWT     |
| B                          | DRILL AND TAP       | 11/28/01    | BWT     |
| 575                        | ASSEMBLE            | 11-28-01    | RTH     |
| 600                        | PROOF               | 11-28-01    | AC      |
| 605                        | CHECK HEADSPACE     | 11-29-01    | RTH     |
| 610                        | DIS-ASSEMBLE GUN    | 11-29-01    | RTH     |
| 612                        | MAGNAFLUX           | OPERATOR AC |         |
| 615                        | ROLLMARK CALIBER    | 11-29-01    | RTH     |
| 618                        | ROTO-BLAST          | 11-30-01    | RA      |
| 620                        | APPLY COATINGS      | 11/30/01    | HP      |
| 625 A                      | FINAL ASSEMBLY      | 12-4-01     | RTH     |
| B                          | TRIGGER PULL TEST   |             |         |
| C                          | SAFETY "ON" FORCE   |             |         |
| D                          | SAFETY "OFF" FORCE  |             |         |
| E                          | FIRING PIN INDENT   |             |         |
| 640                        | TARGET              | 12-4-01     | AC      |
| 655                        | FINAL INSPECT       | 12-5-01     | RTH     |
| 660                        | PACK                | 12-5-01     | RA      |
|                            |                     |             |         |
|                            |                     |             |         |
|                            |                     |             |         |
|                            |                     |             |         |
|                            |                     |             |         |
|                            |                     | SHIP DATE   |         |
|                            |                     |             |         |
|                            | QAR INSPECTION DATE |             |         |

| Ams Services Repair & Estimate System                              |                |                                                 |  |                                                                                                                                                                                                                                                                      |  |      |      |     |      |            |   |      |                |   |      |            |   |
|--------------------------------------------------------------------|----------------|-------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------|------|-----|------|------------|---|------|----------------|---|------|------------|---|
| File Edit Repair Estimate Problem Reports Tools Help               |                |                                                 |  |                                                                                                                                                                                                                                                                      |  |      |      |     |      |            |   |      |                |   |      |            |   |
| Repair Inquiry                                                     |                |                                                 |  |                                                                                                                                                                                                                                                                      |  |      |      |     |      |            |   |      |                |   |      |            |   |
| Repair Number: RE00036059                                          |                | Serial: C6348858 Model 700 Center Fire Caliber: |  | Repairman:                                                                                                                                                                                                                                                           |  |      |      |     |      |            |   |      |                |   |      |            |   |
| Verify Repair High Priority                                        |                | 7 62 NATO SWS M24 WOGS 3 of 6                   |  | Status: New 11/26/01 12:18:01 PM                                                                                                                                                                                                                                     |  |      |      |     |      |            |   |      |                |   |      |            |   |
| Address Information                                                |                |                                                 |  |                                                                                                                                                                                                                                                                      |  |      |      |     |      |            |   |      |                |   |      |            |   |
| Customer:                                                          |                | <input checked="" type="radio"/> Received From  |  | Return To: <input type="radio"/> Received From                                                                                                                                                                                                                       |  |      |      |     |      |            |   |      |                |   |      |            |   |
| Name: CDR A CO 1ST BN 3RD SFG A                                    |                | CDR A CO 1ST BN 3RD SFG A                       |  |                                                                                                                                                                                                                                                                      |  |      |      |     |      |            |   |      |                |   |      |            |   |
| Address 1: BLDG 1646                                               |                | BLDG 1646                                       |  |                                                                                                                                                                                                                                                                      |  |      |      |     |      |            |   |      |                |   |      |            |   |
| Address 2:                                                         |                | PO Box:                                         |  | PO Box:                                                                                                                                                                                                                                                              |  |      |      |     |      |            |   |      |                |   |      |            |   |
| City: FORT BRAGG                                                   |                | FORT BRAGG                                      |  |                                                                                                                                                                                                                                                                      |  |      |      |     |      |            |   |      |                |   |      |            |   |
| State: NC Zip Code: 28310 Country: US                              |                | State: NC Zip Code: 28310                       |  | Country: US                                                                                                                                                                                                                                                          |  |      |      |     |      |            |   |      |                |   |      |            |   |
| FFL:                                                               |                |                                                 |  |                                                                                                                                                                                                                                                                      |  |      |      |     |      |            |   |      |                |   |      |            |   |
| Contact / Condition                                                |                | Problems                                        |  | Estimate                                                                                                                                                                                                                                                             |  |      |      |     |      |            |   |      |                |   |      |            |   |
|                                                                    |                |                                                 |  | History / Status                                                                                                                                                                                                                                                     |  |      |      |     |      |            |   |      |                |   |      |            |   |
|                                                                    |                |                                                 |  | Shipping / Billing                                                                                                                                                                                                                                                   |  |      |      |     |      |            |   |      |                |   |      |            |   |
| Contact Information                                                |                | Received Condition                              |  | Accessories Received                                                                                                                                                                                                                                                 |  |      |      |     |      |            |   |      |                |   |      |            |   |
| Phone: 910 432 2369 8084                                           |                | Fair                                            |  | <table border="1"><thead><tr><th>Code</th><th>Desc</th><th>Qty</th></tr></thead><tbody><tr><td>A007</td><td>With Studs</td><td>3</td></tr><tr><td>A010</td><td>Hard Case(WOG)</td><td>1</td></tr><tr><td>A017</td><td>Scope Base</td><td>1</td></tr></tbody></table> |  | Code | Desc | Qty | A007 | With Studs | 3 | A010 | Hard Case(WOG) | 1 | A017 | Scope Base | 1 |
| Code                                                               | Desc           | Qty                                             |  |                                                                                                                                                                                                                                                                      |  |      |      |     |      |            |   |      |                |   |      |            |   |
| A007                                                               | With Studs     | 3                                               |  |                                                                                                                                                                                                                                                                      |  |      |      |     |      |            |   |      |                |   |      |            |   |
| A010                                                               | Hard Case(WOG) | 1                                               |  |                                                                                                                                                                                                                                                                      |  |      |      |     |      |            |   |      |                |   |      |            |   |
| A017                                                               | Scope Base     | 1                                               |  |                                                                                                                                                                                                                                                                      |  |      |      |     |      |            |   |      |                |   |      |            |   |
| Fax:                                                               |                | Condition Notes:                                |  |                                                                                                                                                                                                                                                                      |  |      |      |     |      |            |   |      |                |   |      |            |   |
| Email:                                                             |                | CSR Notes:                                      |  |                                                                                                                                                                                                                                                                      |  |      |      |     |      |            |   |      |                |   |      |            |   |
| Comments:                                                          |                |                                                 |  |                                                                                                                                                                                                                                                                      |  |      |      |     |      |            |   |      |                |   |      |            |   |
| Repair Search                                                      |                |                                                 |  | Refresh Close                                                                                                                                                                                                                                                        |  |      |      |     |      |            |   |      |                |   |      |            |   |
| naglet   11/26/01   1:29 PM   CAPS   NUM   INS   SCAL              |                |                                                 |  |                                                                                                                                                                                                                                                                      |  |      |      |     |      |            |   |      |                |   |      |            |   |
| Start Inbo... Ar... Tho... Part... Scor... Cale... Isra... 1:29 PM |                |                                                 |  |                                                                                                                                                                                                                                                                      |  |      |      |     |      |            |   |      |                |   |      |            |   |

Serial Number:

C6348858

Model: 700



RE00036059

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348858.\_\_\_0  
FILE DATE AND TIME: 12/04/2001 03:26

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

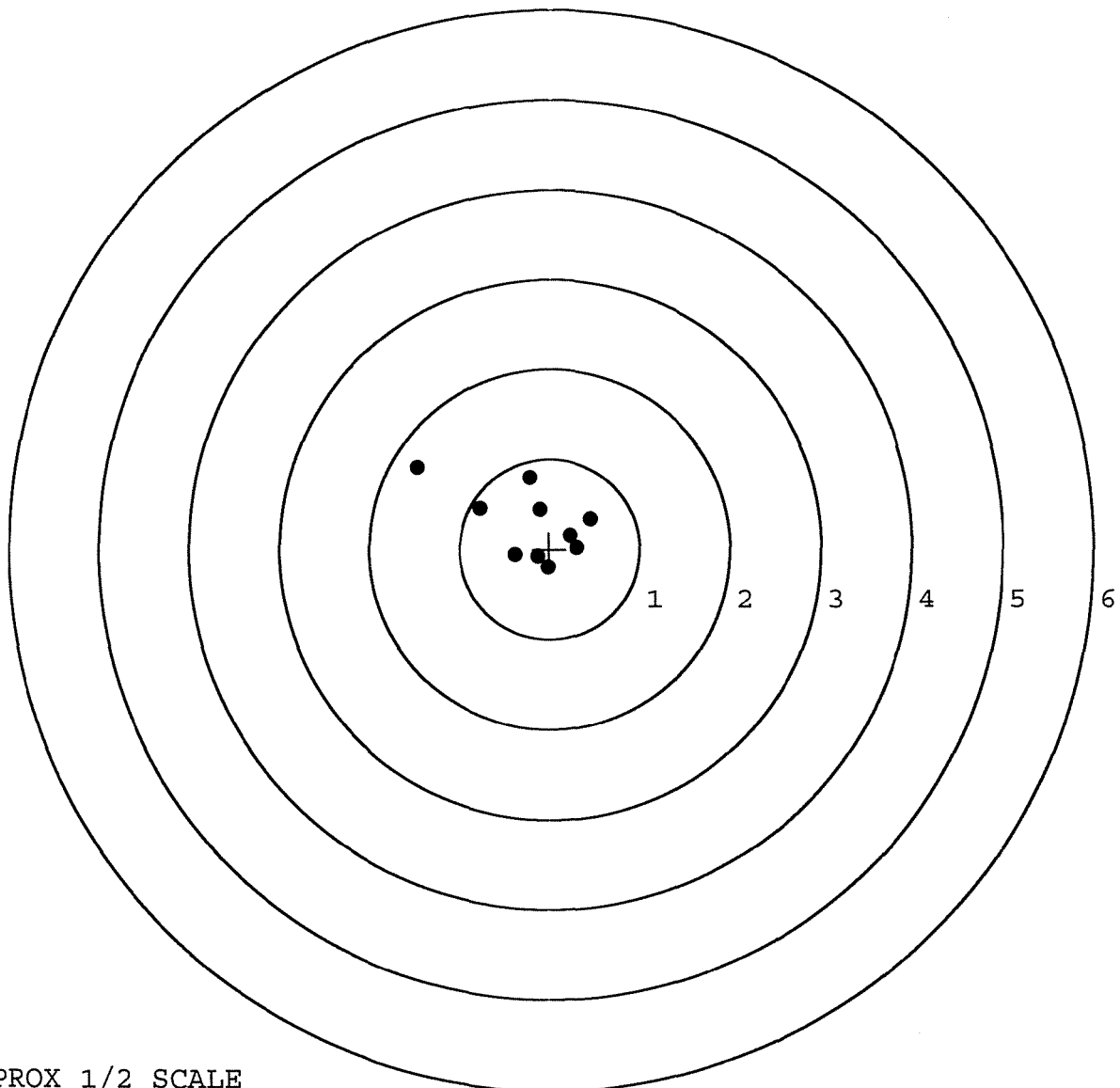
|                                                             |       |
|-------------------------------------------------------------|-------|
| The Average X Centroid of the Five Target Set:              | 0.079 |
| The Average Y Centroid of the Five Target Set:              | 0.050 |
| The Average Point of Impact of the Five Target Set:         | 0.094 |
| The Average Mean Radius of the Five Target Set:             | 0.832 |
| The Distance from POA to Centroid Target #1:                | 0.345 |
| The Distance from Centroid Target #2 to Centroid Target #1: | 0.349 |
| The Distance from Centroid Target #3 to Centroid Target #1: | 0.397 |
| The Distance from Centroid Target #4 to Centroid Target #1: | 0.716 |
| The Distance from Centroid Target #5 to Centroid Target #1: | 0.536 |

**BARBER - M24 0039960**

SERIAL NUMBER: C6348858. \_\_0  
 TARGET NUMBER: 1.  
 FILE DATE: 12/04/2001  
 FILE TIME: 03:26

X CENTROID: -0.211  
 Y CENTROID: 0.273  
 POA TO CENTROID: 0.345  
 HORZ SPREAD: 1.931  
 VERT SPREAD: 1.110  
 GROUP SPREAD: 2.013  
 MIN RADIUS: 0.194  
 MAX RADIUS: 1.411  
 MEAN RADIUS: 0.568  
 # IN 1 IN DIAMETER: 4  
 # IN 2 IN DIAMETER: 9  
 # in 3 IN DIAMETER: 10

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.220 | 0.790  |
| 2:     | -1.473 | 0.904  |
| 3:     | -0.774 | 0.452  |
| 4:     | -0.107 | 0.437  |
| 5:     | 0.458  | 0.337  |
| 6:     | 0.227  | 0.152  |
| 7:     | -0.380 | -0.065 |
| 8:     | -0.128 | -0.082 |
| 9:     | -0.017 | -0.206 |
| 10:    | 0.306  | 0.016  |



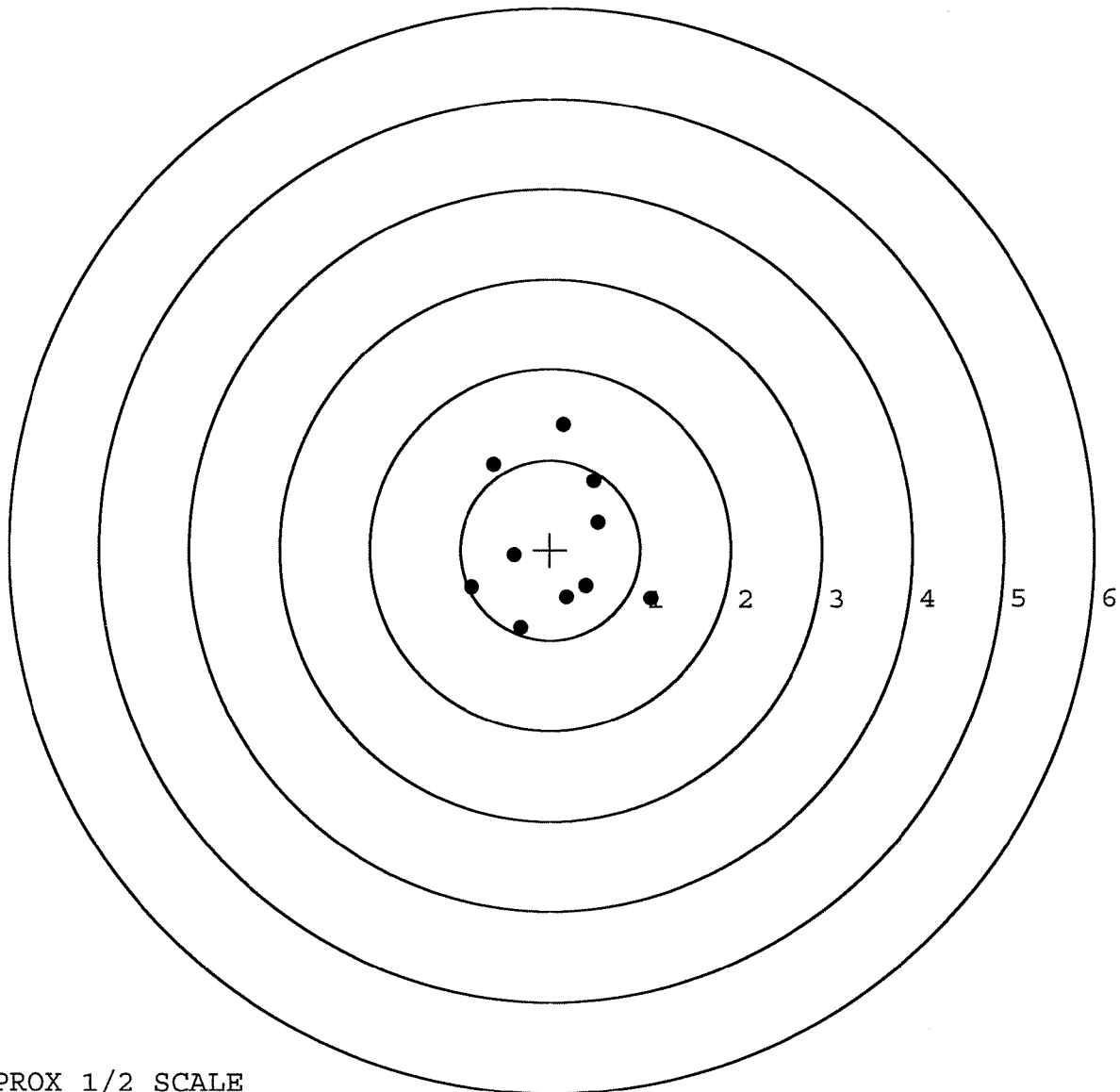
TARGET APPROX 1/2 SCALE

**BARBER - M24 0039961**

SERIAL NUMBER: C6348858. \_\_0  
TARGET NUMBER: 2  
FILE DATE: 12/04/2001  
FILE TIME: 03:26

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.148  | 1.390  |
| 2:     | -0.632 | 0.947  |
| 3:     | 0.491  | 0.762  |
| 4:     | 0.539  | 0.306  |
| 5:     | 1.116  | -0.545 |
| 6:     | 0.402  | -0.406 |
| 7:     | 0.182  | -0.529 |
| 8:     | -0.327 | -0.873 |
| 9:     | -0.878 | -0.414 |
| 10:    | -0.405 | -0.065 |

X CENTROID: 0.064  
Y CENTROID: 0.057  
POA TO CENTROID: 0.086  
HORZ SPREAD: 1.994  
VERT SPREAD: 2.263  
GROUP SPREAD: 2.312  
MIN RADIUS: 0.484  
MAX RADIUS: 1.335  
MEAN RADIUS: 0.876  
# IN 1 IN DIAMETER: 1  
# IN 2 IN DIAMETER: 5  
# in 3 IN DIAMETER: 10



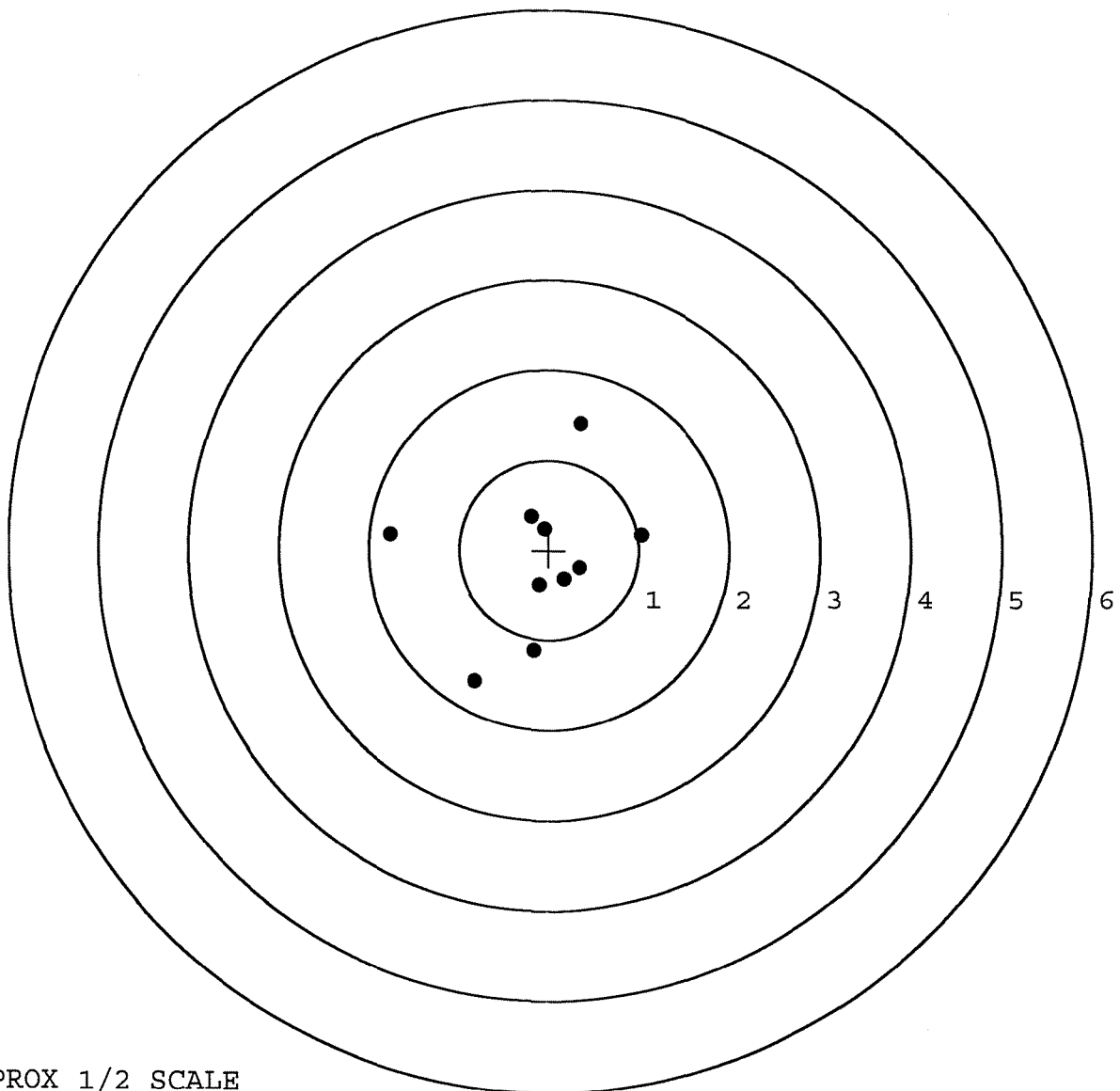
TARGET APPROX 1/2 SCALE

**BARBER - M24 0039962**

SERIAL NUMBER: C6348858. \_\_ 0  
TARGET NUMBER: 3  
FILE DATE: 12/04/2001  
FILE TIME: 03:26

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 0.352  | 1.405  |
| 2:     | 1.027  | 0.173  |
| 3:     | -0.198 | 0.374  |
| 4:     | -0.048 | 0.239  |
| 5:     | 0.346  | -0.199 |
| 6:     | 0.173  | -0.323 |
| 7:     | -0.111 | -0.390 |
| 8:     | -0.161 | -1.126 |
| 9:     | -0.826 | -1.463 |
| 10:    | -1.766 | 0.175  |

X CENTROID: -0.121  
Y CENTROID: -0.113  
POA TO CENTROID: 0.166  
HORZ SPREAD: 2.793  
VERT SPREAD: 2.868  
GROUP SPREAD: 2.793  
MIN RADIUS: 0.277  
MAX RADIUS: 1.670  
MEAN RADIUS: 0.895  
# IN 1 IN DIAMETER: 5  
# IN 2 IN DIAMETER: 5  
# in 3 IN DIAMETER: 7



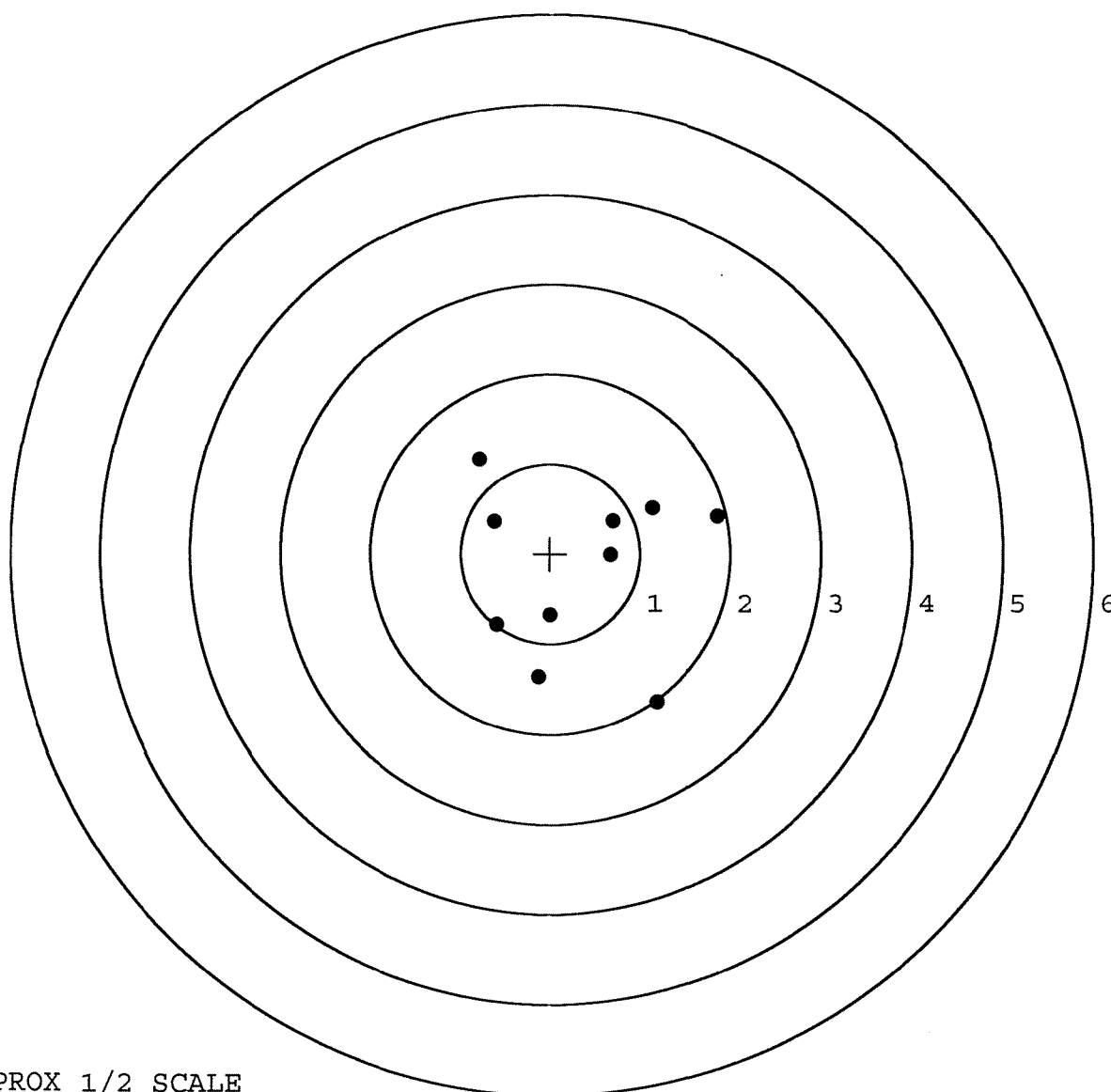
TARGET APPROX 1/2 SCALE

**BARBER - M24 0039963**

SERIAL NUMBER: C6348858. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 12/04/2001  
FILE TIME: 03:26

X CENTROID: 0.342  
Y CENTROID: -0.181  
POA TO CENTROID: 0.387  
HORZ SPREAD: 2.646  
VERT SPREAD: 2.692  
GROUP SPREAD: 3.341  
MIN RADIUS: 0.372  
MAX RADIUS: 1.688  
MEAN RADIUS: 1.120  
# IN 1 IN DIAMETER: 1  
# IN 2 IN DIAMETER: 3  
# in 3 IN DIAMETER: 7

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | 1.140  | 0.508  |
| 2:     | 0.701  | 0.366  |
| 3:     | 0.677  | -0.018 |
| 4:     | 1.858  | 0.422  |
| 5:     | 1.190  | -1.641 |
| 6:     | -0.133 | -1.370 |
| 7:     | -0.004 | -0.693 |
| 8:     | -0.595 | -0.796 |
| 9:     | -0.623 | 0.358  |
| 10:    | -0.788 | 1.051  |



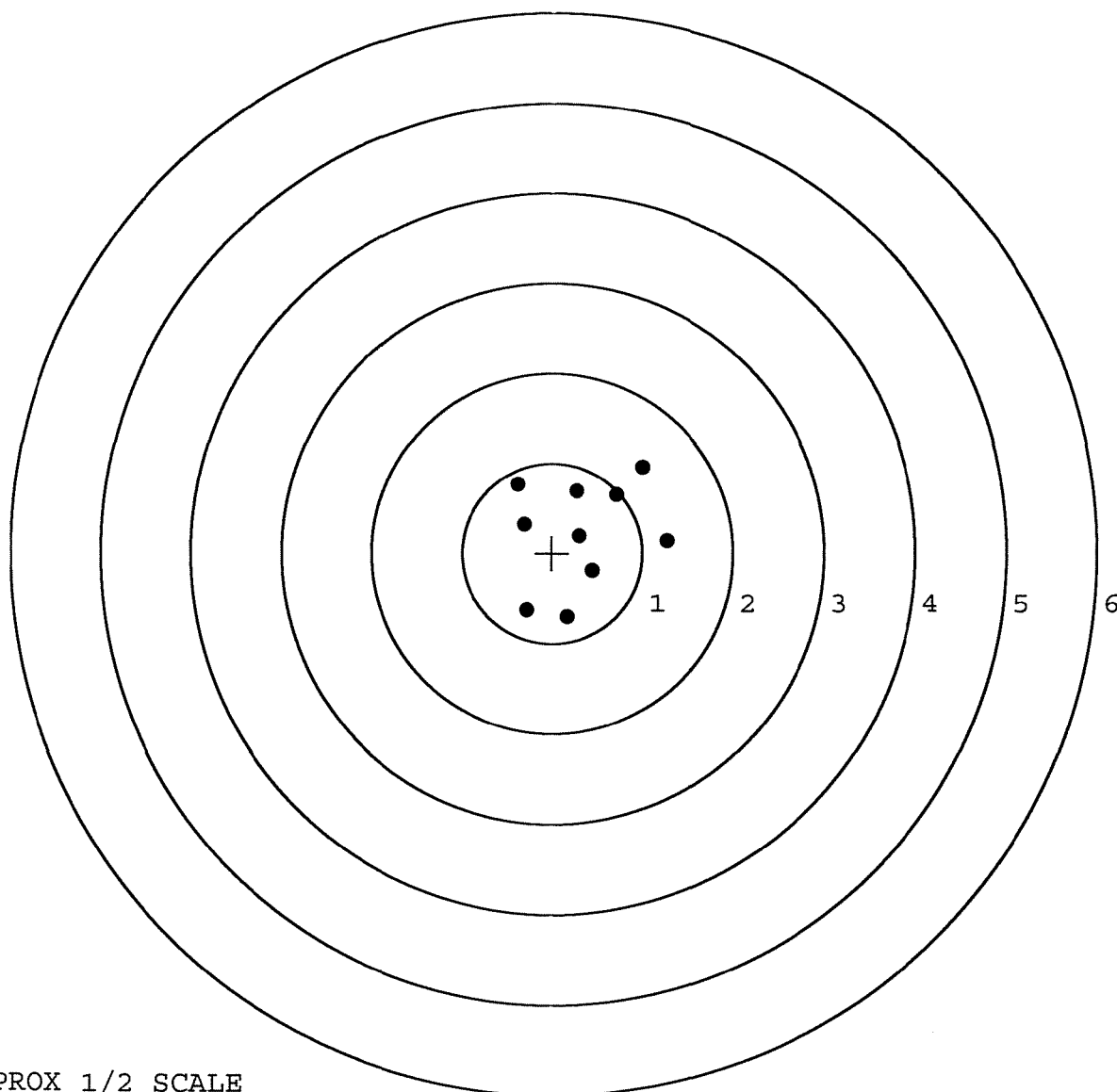
TARGET APPROX 1/2 SCALE

**BARBER - M24 0039964**

SERIAL NUMBER: C6348858. \_\_ 0  
 TARGET NUMBER: 5  
 FILE DATE: 12/04/2001  
 FILE TIME: 03:26

| POINT# | X      | Y      |
|--------|--------|--------|
| 1:     | -0.385 | 0.760  |
| 2:     | -0.310 | 0.315  |
| 3:     | 0.279  | 0.690  |
| 4:     | 0.304  | 0.188  |
| 5:     | 0.447  | -0.199 |
| 6:     | 0.172  | -0.711 |
| 7:     | -0.282 | -0.640 |
| 8:     | 1.003  | 0.959  |
| 9:     | 0.719  | 0.648  |
| 10:    | 1.268  | 0.137  |

X CENTROID: 0.322  
 Y CENTROID: 0.215  
 POA TO CENTROID: 0.387  
 HORZ SPREAD: 1.653  
 VERT SPREAD: 1.670  
 GROUP SPREAD: 2.051  
 MIN RADIUS: 0.032  
 MAX RADIUS: 1.046  
 MEAN RADIUS: 0.700  
 # IN 1 IN DIAMETER: 3  
 # IN 2 IN DIAMETER: 8  
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

**MODEL 700™ H24**

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

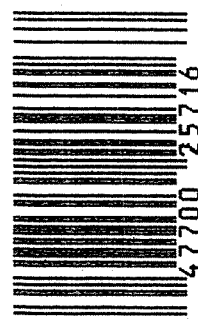
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.

SERIAL NO. C6348858

ORDER NO. 5716

Ø1

  
5716 C6348858

  
0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6348858

| OP. #        | OP. NAME                                                       | READINGS | DATE    | INIT |
|--------------|----------------------------------------------------------------|----------|---------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 8 11     | 89      | RW   |
| 600          | Proof                                                          | 8 11     | 89      | RW   |
| 607          | Check Headspace                                                |          |         | RW   |
| 610          | Dis-assemble Gun                                               |          |         | RW   |
| 612          | Magnaflux Barrel<br>Action                                     |          | 8/15/89 | KCR  |
|              | Magnaflux Bolt                                                 |          | 8/15/89 | KCR  |
| 615          | Rollmark Caliber                                               |          | 8/15/89 | 158. |
| 7            | Drill and Tap Sight Holes                                      | 8 16     | 89      |      |
| 618          | Polish Barrel <i>Rob</i>                                       | 8 16     | 89      |      |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 8/19/89 | TSA  |
|              | Apply Coating (Bolt)                                           |          |         |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 8/21/89 | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 8/21/89 | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 8/21/89 | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 8/21/89 | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 8/24/89 | FC   |

| BARBER - M24 0039967 |                                                             | READINGS |       |       | DATE      | INIT |           |    |
|----------------------|-------------------------------------------------------------|----------|-------|-------|-----------|------|-----------|----|
| op. #                | OP. NAME                                                    |          |       |       |           |      |           |    |
| 625<br>cont.         | F) Safety On Force                                          | 3 3/4    | 3 3/4 | 4     | 8/24/89   | WB   |           |    |
|                      | G) Safety Off Force                                         | 3 3/4    | 3 3/4 | 3 1/2 | 8/24/89   | WB   |           |    |
|                      | H) Trigger Pull Test & Retainability                        |          |       |       | 8/24/89   | JO   |           |    |
|                      | I) Firing Pin Indent                                        | .021     | .021  | .021  | 8/24/89   | WB   |           |    |
|                      | J) Assemble Stock                                           |          |       |       | 8/24/89   | RW   |           |    |
|                      | K) Assemble Swivel Studs                                    |          |       |       | 11 Sep 89 | JD   |           |    |
|                      | L) Attach Front and Rear Sight Assemblies                   |          |       |       | 8/24/89   | RW   |           |    |
|                      | M) Iron Sight Alignment                                     |          |       |       | 8/24/89   | RW   |           |    |
|                      | N) Detach Front & Rear Sights & place in numbered container |          |       |       | 8/24/89   | RW   |           |    |
|                      | O) Attach Scope to Rifle                                    |          |       |       | 8/24/89   | WB   |           |    |
|                      | P) Detach & Attach Scope 20 Times                           |          |       |       | 8/24/89   | WB   |           |    |
| 640                  | Gallery Target & Test                                       | 48 R     | 106L  |       | 8-25-89   | AC   |           |    |
|                      | A) Time                                                     |          |       |       | 8-25-89   | AC   |           |    |
|                      | B) Malfunctions                                             |          |       |       | 8-25-89   | AC   |           |    |
|                      | C) Pierced Primers                                          |          |       |       | 8-25-89   | AC   |           |    |
|                      | D) Optical Clarity of Scope                                 |          |       |       | 8-25-89   | AC   |           |    |
| 645                  | Inspect for Live Ammo                                       |          |       |       | 8-25-89   | AC   |           |    |
| 655                  | Final Inspection                                            |          |       |       |           |      |           |    |
|                      | A) Headspace                                                |          |       |       | 11 Sep 89 | JD   |           |    |
|                      | B) Trigger Pull                                             | 2.59     | 2.36  | 2.74  | 2.65      | 2.59 | 11 Sep 89 | JD |
|                      | C) Function                                                 |          |       |       |           |      | 11 Sep 89 | JD |
| 660                  | Pack                                                        |          |       |       |           |      | 20 Sep 89 | JD |

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 8858  
66348777DATE 11-6-89TESTER gll

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |       | COMMENTS          |
|---------|------------------|--------------------------|--------------------------------|-------|-------------------|
| PULL #1 | 2.44             | 2.31                     | 2.32                           | 2.72  | MIN. SETTING,     |
| PULL #2 | 2.48             | 2.33                     | 2.43                           | 2.61  | NO AVG. OF 5      |
| PULL #3 | 2.54             | 2.12                     | 2.41                           | 2.68  | READINGS ACCEPT-  |
| PULL #4 | 2.51             | 2.40                     | 2.33                           | 2.63  | ABLE LESS THAN 2# |
| PULL #5 | 2.43             | 2.29                     | 2.31                           | 2.60  |                   |
| TOTAL   | 12.40            | 11.35                    | 11.80                          | 13.23 |                   |
| AVG.    | 2.48             | 2.27                     | 2.36                           | 2.646 |                   |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.12             | 3.47                     |  |          |
| PULL #2 | 3.07             | 3.47                     |  |          |
| PULL #3 | 3.44             | 3.47                     |  |          |
| PULL #4 | 3.29             | 3.55                     |  |          |
| PULL #5 | 3.54             | 3.50                     |  |          |
| TOTAL   | 16.46            | 17.46                    |  |          |
| AVG.    | 3.292            | 3.492                    |  |          |

|         | 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 | 4.46             | 4.30                     |                                | 4.13                                 |
| PULL #2 | 4.14             | 4.31                     |                                | 4.29                                 |
| PULL #3 | 4.11             | 4.29                     |                                | 4.00                                 |
| PULL #4 | 4.08             | 4.31                     |                                | 4.23                                 |
| PULL #5 | 4.16             | 4.34                     |                                | 4.28                                 |
| TOTAL   | 20.95            | 21.55                    |                                | 20.93                                |
| AVG.    | 4.19             | 4.31                     |                                | 4.186                                |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6348858  
28 Aug 1989

CENTROIDAL DISTANCES

|        |         |
|--------|---------|
| 0 TO 1 | .656369 |
| 1 TO 2 | .702048 |
| 1 TO 3 | .480047 |
| 1 TO 4 | .210523 |
| 1 TO 5 | .539073 |

33 4<sup>5</sup> <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4654  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0608  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .469355  
THE AMR FOR THIS RIFLE IS: 1.011

25 Aug 1985

FILE:/PATTERNING/CENTERFIRE\_PATT/0534B858

## CENTERFIRE PATTERNS

# 1

POA

1in circle

2in circle

3in circle

# OF SHOTS = 10

# IN CIR

1in = 1

2in = 8

3in = 9

HS = 1.189

VS = 2.616

GS = 2.625

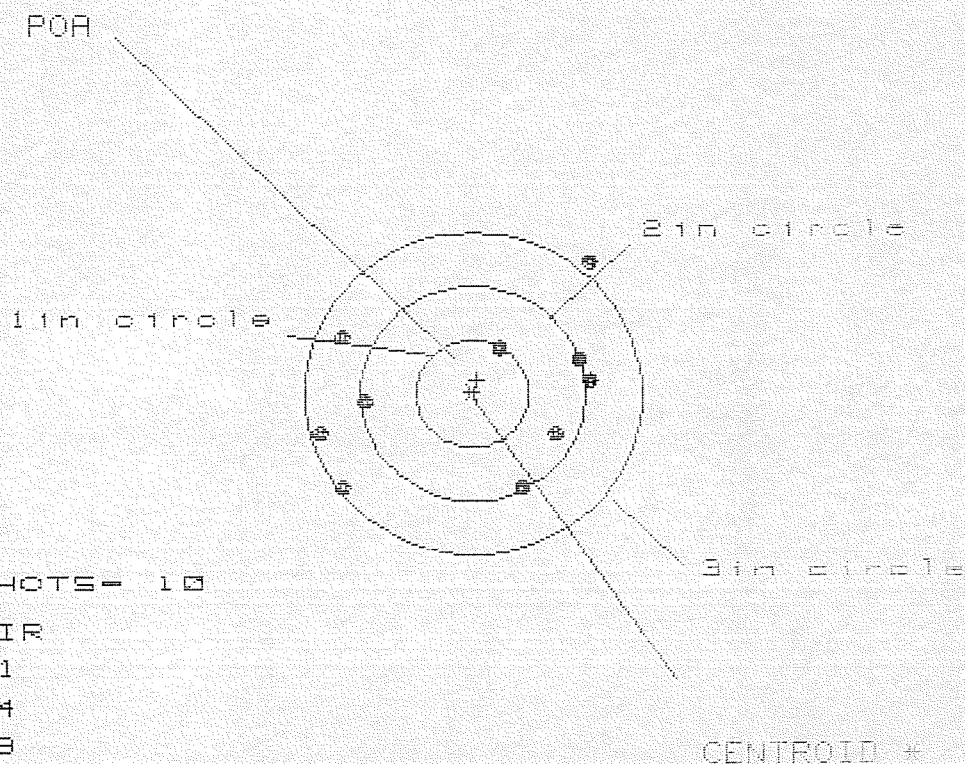
CENTROID \*

| PATTERN #                   | : | 10     | 9      | 8      |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | .573   | .582   | .561   |
| MINIMUM X                   | : | -.616  | -.607  | -.628  |
| MAXIMUM Y                   | : | .785   | .582   | .403   |
| MINIMUM Y                   | : | -1.831 | -1.425 | -1.275 |
| CENTROID X                  | : | .656   | .647   | .668   |
| CENTROID Y                  | : | -.022  | .181   | .360   |
| POA TO CENTROID in.         | : | .657   | .672   | .759   |
| MIN RADIUS                  | : | .400   | .338   | .350   |
| MEAN RADIUS                 | : | .911   | .748   | .608   |
| MAX RADIUS                  | : | 1.833  | 1.435  | 1.290  |
| HORIZONTAL SPREAD           | : | 1.189  | 1.189  | 1.189  |
| VERTICAL SPREAD             | : | 2.616  | 2.007  | 1.678  |
| EXTREME SPREAD              | : | 2.625  | 2.007  | 1.679  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 8      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

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FILE:/PATTERNING/CENTERFIRE\_PATT/08240856

## CENTERFIRE PATTERNS # 2



# OF SHOTS- 10

# IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 2.378

VS= 2.105

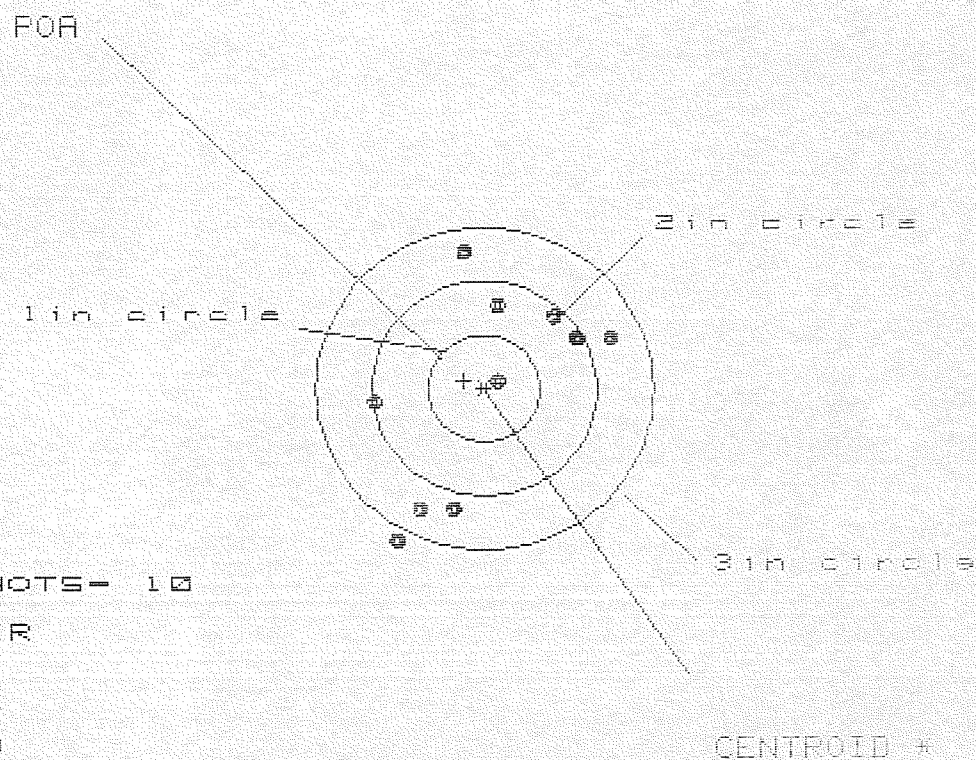
GS= 3.042

| PATTERN #                   | : | 2      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.062  | 1.175  | 1.048  |
| MINIMUM X                   | : | -1.316 | -1.198 | -1.325 |
| MAXIMUM Y                   | : | 1.242  | .651   | .560   |
| MINIMUM Y                   | : | -.863  | -.725  | -.612  |
| CENTROID X                  | : | -.038  | -.156  | -.029  |
| CENTROID Y                  | : | -.128  | -.266  | -.175  |
| POA TO CENTROID in.         | : | .133   | .308   | .178   |
| MIN RADIUS                  | : | .474   | .651   | .514   |
| MEAN RADIUS                 | : | 1.101  | 1.042  | .994   |
| MAX RADIUS                  | : | 1.634  | 1.248  | 1.377  |
| HORIZONTAL SPREAD           | : | 2.378  | 2.373  | 2.373  |
| VERTICAL SPREAD             | : | 2.105  | 1.376  | 1.372  |
| EXTREME SPREAD              | : | 3.042  | 2.427  | 2.427  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 4      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 9      |        |

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## CENTERFIRE PATTERNS # 3



# OF SHOTS- 10

# IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 2.099

VS= 2.721

GS= 2.800

| PATTERN #                     | 3      |
|-------------------------------|--------|
| SHOTS (BEST OF)               | 10     |
| MAXIMUM X                     | 1.086  |
| MINIMUM X                     | -1.013 |
| MAXIMUM Y                     | 1.300  |
| MINIMUM Y                     | -1.421 |
| CENTROID X                    | .179   |
| CENTROID Y                    | -.076  |
| POA TO CENTROID in.           | .194   |
| MIN RADIUS                    | .172   |
| MEAN RADIUS                   | 1.026  |
| MAX RADIUS                    | 1.630  |
| HORIZONTAL SPREAD             | 2.099  |
| VERTICAL SPREAD               | 2.721  |
| EXTREME SPREAD                | 2.800  |
| NUMBER IN ONE INCH CIRCLE =   | 1      |
| NUMBER IN TWO INCH CIRCLE =   | 4      |
| NUMBER IN THREE INCH CIRCLE = | 9      |

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## CENTERFIRE PATTERNS

# 4

POA

1in circle

2in circle

3in circle

# OF SHOTS= 10

# IN CIR

1in = 0

2in = 5

3in = 7

HS= 2.947

VS= 2.193

GS= 3.087

CENTROID \*

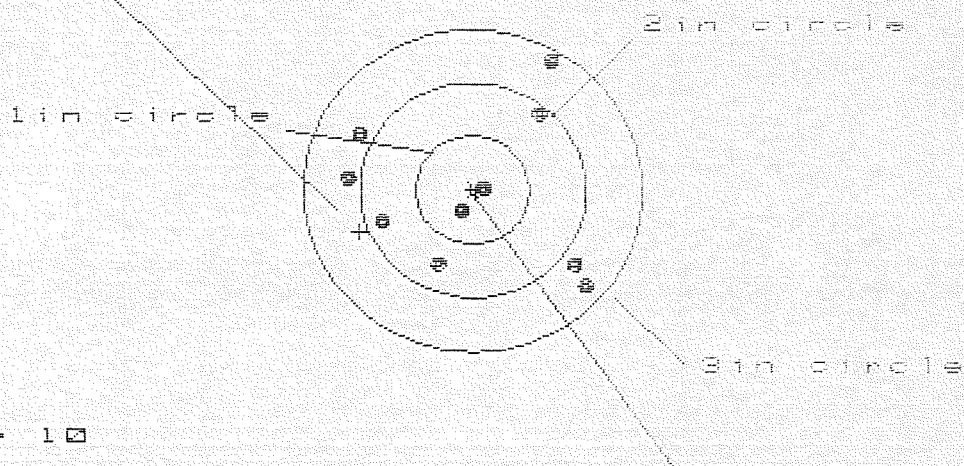
| PATTERN #                   | : | 4      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.187  | .991   | .767   |
| MINIMUM X                   | : | -1.760 | -1.793 | -1.079 |
| MAXIMUM Y                   | : | .695   | .707   | .650   |
| MINIMUM Y                   | : | -1.498 | -1.486 | -1.398 |
| CENTROID X                  | : | .524   | .720   | .944   |
| CENTROID Y                  | : | .142   | .130   | .042   |
| POA TO CENTROID in.         | : | .543   | .731   | .945   |
| MIN RADIUS                  | : | .514   | .451   | .352   |
| MEAN RADIUS                 | : | 1.112  | 1.001  | .835   |
| MAX RADIUS                  | : | 1.763  | 1.927  | 1.407  |
| HORIZONTAL SPREAD           | : | 2.947  | 2.784  | 1.846  |
| VERTICAL SPREAD             | : | 2.193  | 2.193  | 2.048  |
| EXTREME SPREAD              | : | 3.087  | 3.087  | 2.380  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 0      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 7      |        |

25 Aug 1988

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## CENTERFIRE PATTERNS # 5

POA



# OF SHOTS= 10

# IN CIR

1 in = 2

2 in = 5

3 in = 10

HS= 2.060

VS= 2.129

GS= 2.458

CENTROID \*

| PATTERN #                   | : | 5      |       |       |
|-----------------------------|---|--------|-------|-------|
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | .991   | 1.073 | 1.087 |
| MINIMUM X                   | : | -1.069 | -.987 | -.853 |
| MAXIMUM Y                   | : | 1.243  | .873  | .779  |
| MINIMUM Y                   | : | -.886  | -.748 | -.613 |
| CENTROID X                  | : | 1.006  | .924  | .790  |
| CENTROID Y                  | : | .388   | .250  | .344  |
| POA TO CENTROID in.         | : | 1.078  | .957  | .861  |
| MIN RADIUS                  | : | .122   | .081  | .203  |
| MEAN RADIUS                 | : | .906   | .822  | .764  |
| MAX RADIUS                  | : | 1.444  | 1.308 | 1.248 |
| HORIZONTAL SPREAD           | : | 2.060  | 2.060 | 1.940 |
| VERTICAL SPREAD             | : | 2.129  | 1.621 | 1.392 |
| EXTREME SPREAD              | : | 2.458  | 2.458 | 2.230 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10    |       |

| TEST INIT. ACTION TO CORRECT |                        | ASSEM.<br># |
|------------------------------|------------------------|-------------|
| PROOF                        | file Stock             | 8/28        |
| TEST                         | Polish Ejector         | 89          |
| TGT                          | Reamed Ejector<br>Hole | DW          |
| PROOF                        | AC<br>100 RJ           | OK          |
| TEST                         |                        |             |
| TGT                          |                        |             |
| PROOF                        | ENGINEER               |             |
| TEST                         |                        |             |
| TGT                          |                        |             |
| PROOF                        | ENGINEER               |             |
| TEST                         |                        |             |
| TGT                          |                        |             |

| MOD.      |      | GA.<br>CAL.        | GUN<br>#      |
|-----------|------|--------------------|---------------|
| #<br>TEST | DATE | MALFUNCTION/DEFECT | ASSEM.<br>#   |
|           | 1st  | Safe hits<br>stock | 0.11          |
|           | 2nd  | Shaver brass.      |               |
|           | 3rd  |                    |               |
|           | 4th  |                    |               |
|           |      | FUNCTION           | RD 6654 Rev 1 |