

06594558

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

COMMENTS

ORDER
R 99-23145

INITIAL	CUSTOMER ORDER NO.
SWS	W81JR8

WOGS 1 OF 3

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
11/22/99	11/23/99	BL 1/91	C6594558		700 7.62 NA M24 SWS
ACCESSORIES	W/STUDS	SCOPE BASE			

FROM:

SHIP TO:

USPFO FOR INDIANA
ATTN: PFO-WHSE
2002 S.HOLT RD
INDIANAPOLIS

IN 46241

USPFO FOR INDIANA
ATTN: PFO-WHSE
2002 S.HOLT RD
INDIANAPOLIS

IN

46241

CUST NO: 215339 CJO.DL

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE _____

PROM. DATE

ESTIMATED

VIA

UF.S

GUN CONDITION

☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
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CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

COMMENTS

1313 L 9600.3

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
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GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
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OFFICE COPY

BD6025 REV. 7/97

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

M2400019265

Request that the 3 R95387, S/N: C6594558, C6587542, C6611813,
be repaired and returned to W81JR8.

Our FTE information is as follows

FTEB141005012402136 EA00003W81JR893090007
A28 F A28W4899309

S/N: C6594558, C6587542, C6611813

Our AOE is :

A0EB141005012402136 EA00003W81JR893082001
A28 A28W4899308

S/N: C6594558, C6587542, C6611813

Please fax distribution instructions to DSN 369-2157 or Commercial
(317) 247-3157, ATTN: SGT FRINK.

POC for this action is SGT Frink, DSN 369-2332 or Commercial
(317) 247-3332, Indiana National Guard.

KINZER V. REMINGTON

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RECOVERY NO: 00044420 4 OF 4

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4. MARK FOR										W81JR8452H09									
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99320										7. FRT DATE									
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RECOVERY NO: 0004420

Robinson-Kinser, Wendy L [SSG]

From: Frink, Patricia A [SSG]
Sent: Wednesday, November 10, 1999 8:20 AM
To: Robinson-Kinser, Wendy L [SSG]
Subject: FW: M24 SWS Requiring contractor Repair

Here is your disposition, on the rifles.

Today is my last day. I am on leave Friday and I will be in Nebraska all of next week.

Yell if you need anything else from me today.

Pat

-----Original Message-----

From: Bynum, June M [SMTP:BynumJ@ria.army.mil]
Sent: Tuesday, November 09, 1999 2:47 PM
To: 'Frink, Patricia A [SSG]'
Subject: RE: M24 SWS Requiring contractor Repair

SGT Frink,

Disposition instructions are provided on the FTE:

IKJ56455I M1MMD14 LOGON IN PROGRESS AT 14:37:35 ON NOVEMBER 9, 1999

IKJ56951I NO BROADCAST MESSAGES

READY

EXCPACLA

WELCOME JUNE TO THE DMC ROCK ISLAND DATA CENTER OS/390 TACOM_P DOMAIN CN(01)

* ENTER 1 POSITION COMMAND DESIGNATOR M

* ENTER 14 POSITION DOCUMENT NUMBER W81JR893090007

* DO YOU WANT TO SEE THE DATA? (Y OR N) Y

KEY OF RECORD - MW81JR893090007

MW81JR893090007 SIRR1 FTRPXG21005012402136 EA00003W81JR893090007 DGA
13312TDB14 FD 0514500SHIP TO REMINGT
ON ARMS CO., INC 14 HOEFLER AVE

ILION, NY 13357

00993 TARA MCANDREWS_____ 7936216_____

Thank you, June Bynum, B14 (TACOM-RI), DSN 793-2774, FAX DSN 793-2640,
E-MAIL

-----Original Message-----

From: Frink, Patricia A [SSG] [<mailto:frinkpa@in-arng.ngb.army.mil>]
Sent: Friday, November 05, 1999 9:31 AM
To: 'bynumj@ria.army.mil'
Cc: Robinson-Kinser, Wendy L [SSG]
Subject: M24 SWS Requiring contractor Repair

DD FORM 1348-18 NOV 87 ISSUE
27. ADDL DATA
28. RAC (4-6)
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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 00 |
| H5AA28 | | | | | | | | | | EA | | | | | | | | | | 3 W52H09DGA | | | | | | | | | | 15 | | | | | | | | | | A28MF | | | | | | | | | | 514500 | | | | | | | | | | 1543500 | | | | | | | | | | W52H |
| W81JR89309007A | | | | | | | | | | 1005012402136 | | | | | | | | | | A28EA00003F | | | | | | | | | | S/N: C6594558 | | | | | | | | | | C6587542 | | | | | | | | | | C6611813 | | | | | | | | | | | | | | | | | | | | | |
| REPAIR AND RETURN | | | | | | | | | | CONFIRMATION WITH SERIAL NUMBERS REQUIRED. | | | | | | | | | | SENSITIVE/PILFERABLE CIIC: 4. | | | | | | | | | | SHIP TO: REMINGTON ARMS CO., INC. | | | | | | | | | | 14 HOEFLER AVE | | | | | | | | | | ILLION, NY 13357 | | | | | | | | | | DML: D. | | | | | | | | | | PROPERTY BOOK ITEM. REQUIRES SIGNATURE. | |

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6594558
22 Mar 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1358
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1478
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .200715

THE AMR FOR THIS RIFLE IS: 1.113

CENTROIDAL DISTANCES

| | |
|--------|---------|
| 0 TO 1 | .425904 |
| 1 TO 2 | .272855 |
| 1 TO 3 | .430816 |
| 1 TO 4 | .445148 |
| 1 TO 5 | .20412 |

4
2⁺3 <----POA
5
1

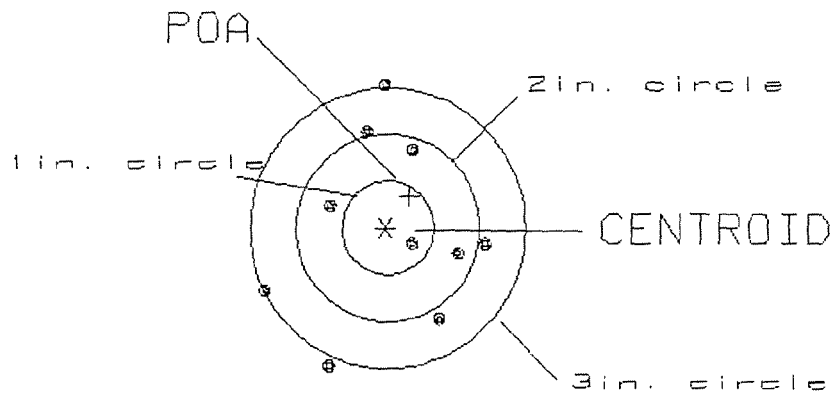
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .425
 MIN RADIUS : .275
 MEAN RADIUS : 1.036
 MAX RADIUS : 1.567
 CENTROID X : -.263
 CENTROID Y : -.335

22 Mar 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6594558.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.34

1

VS= 2.99

4

GS= 3.05

8

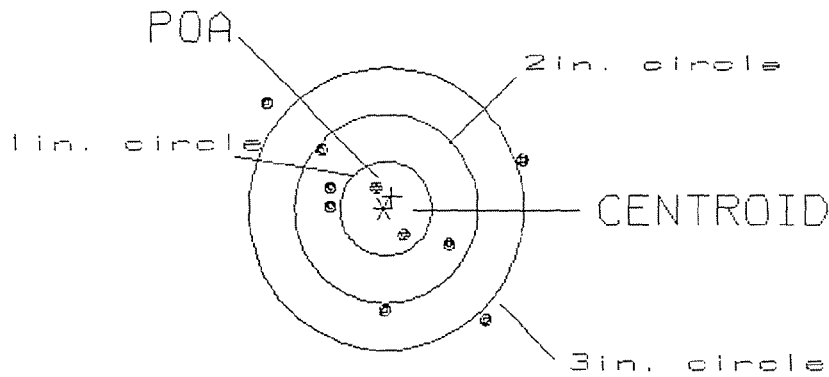
PATTERN #: 2

POA TO CENTROID: .153
 MIN RADIUS : .307
 MEAN RADIUS : .945
 MAX RADIUS : 1.749
 CENTROID X : -.090
 CENTROID Y : -.124

22 Mar 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6594558.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.80

2

VS= 2.20

6

GS= 3.35

7

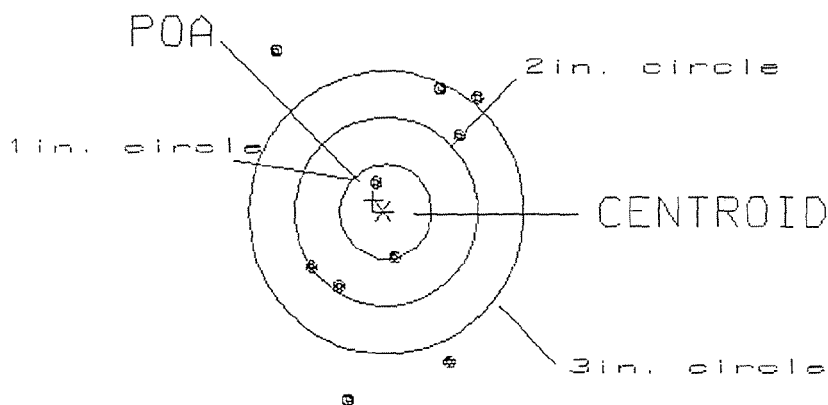
PATTERN #: 0 3 0

POA TO CENTROID: .159
 MIN RADIUS : .350
 MEAN RADIUS : 1.265
 MAX RADIUS : 2.060
 CENTROID X : .108
 CENTROID Y : -.116

22 Mar 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6594558.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.14

2

US= 3.65

4

GS= 3.74

6

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4

POA TO CENTROID: .376

MIN RADIUS : .173

MEAN RADIUS : 1.010

MAX RADIUS : 1.915

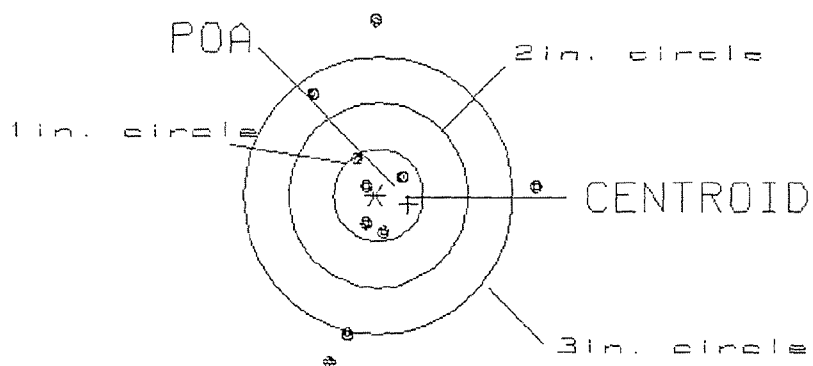
CENTROID X : -.362

CENTROID Y : .099

22 Mar 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6594558.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.54

5

VS= 3.69

5

GS= 3.73

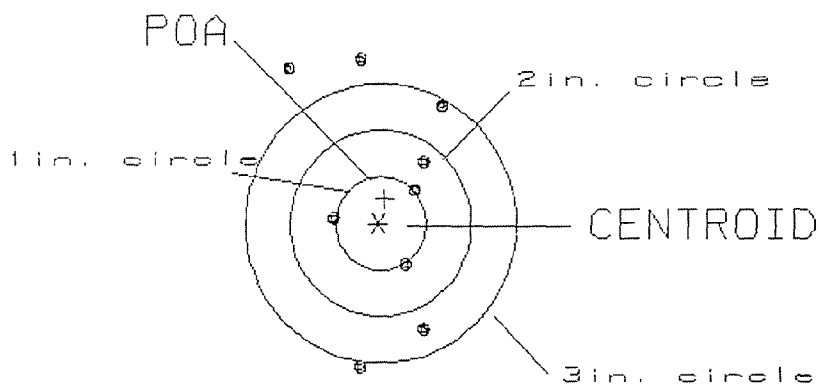
6

PATTERN #: 5
 POA TO CENTROID: .272
 MIN RADIUS : .533
 MEAN RADIUS : 1.307
 MAX RADIUS : 2.716
 CENTROID X : -.072
 CENTROID Y : -.263

22 Mar 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6594558.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.69

0

VS= 4.47

4

GS= 4.47

6

Final Inspection

Sn: C6594558

DATE REC'D: 1/22/99

DATE RET'D:

AUDITOR: RW

Item:

BARREL ASSY.

- ☒ BARREL
- ☒ RECEIVER
- ☒ FRONT SIGHT BLOCK
- ☒ REAR SIGHT BLOCK
- ☒ SCREWS
- ☒ FINISH

SCOPE ASSY.

- ☐ SCOPE
- ☐ SCOPE RINGS
- ☐ MOUNTING SCREWS
- ☒ MOUNTING BASE
- ☒ SCREWS
- ☐ FINISH
- ☐ LOOSENESS
- ☐ CLARITY

MISC.

- ☐ DD-250
- ☐ BAR CODE
- ☐ PACKAGING

Item:

STOCK ASSY.

- ☒ STOCK
- ☒ SLING SWIVEL STUDS
- ☒ ADJUSTABLE BUTT PLATE
- ☒ LOCK NUTS
- ☐ BARREL CLEARANCE
- ☒ COLOR/FINISH

SYSTEMS CASE

- ☐ SCOPE CASE
- ☐ IRON SIGHTS
- ☐ DEPLOYMENT KIT

TRIGGER

- ☒ SAFETY OPERATION
- ☒ SET

Comments:

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. *C6594558*

| LOG IN DATE: / / | | DATE | INIT. |
|-------------------|--------------------------|-----------------|-----------|
| INSPECT & VERIFY: | | | |
| OP. # | OP. NAME | | |
| 550 | DIS-ASSEMBLE GUN | <i>12/10/99</i> | <i>RW</i> |
| 560 A | RE-BARREL AT CUSTOM SHOP | | |
| B | DRILL & TAP | | |
| C | POLISH | | |
| 575 | ASSEMBLE | | |
| 600 | PROOF | <i>1/20/00</i> | <i>RW</i> |
| 605 | CHECK HEADSPACE | <i>1/20/00</i> | <i>RW</i> |
| 610 | DIS-ASSEMBLE | | |
| 612 | MAGNAFLUX | | |
| 615 | ROLLMARK CALIBER | | |
| 618 | ROTO-BLAST | | |
| 620 | APPLY COATINGS | | |
| 625 A | FINAL ASSEMBLY | | |
| B | TRIGGER PULL TEST | | |
| C | SAFETY ON FORCE | | |
| D | SAFETY OFF FORCE | | |
| E | FIRING PIN INDENT | | |
| 640 | TARGET | <i>3/21/00</i> | <i>RW</i> |
| 655 | FINAL INSPECT | <i>3/21/00</i> | <i>RW</i> |
| 660 | PACK | | |

QAR INSPECTION

SHIP DATE

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

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

MODEL 700™ M24

SERIAL NO. C6594558

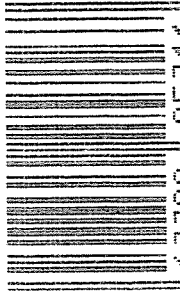
ORDER NO. 5716

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



5716 C6594558

UPC



0 47700 25716 2

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594558

| OP. # | OP. NAME | READINGS | DATE | INIT |
|-----------|--|----------|---------|------|
| 575 & 580 | Assemble Action and Stock | 1228 | 90 | RW |
| 600 | Proof | 1228 | 90 | RW |
| 607 | Check Headspace | 1228 | 90 | RW |
| 610 | Dis-assemble Gun | 1228 | 90 | RW |
| 612 | Magnaflux Barrel Action | | 1-7-91 | KR |
| | Magnaflux Bolt | | " | KR |
| 615 | Rollmark Caliber | | " | GL |
| 617 | Drill and Tap Sight Holes | 1 10 | 91 | FB |
| 618 | Polish Barrel | 1 10 | 91 | WB |
| 620 | Apply Coatings (Barrel Action) | | 1-18-91 | TJA |
| | Apply Coating (Bolt) | | | |
| 625 | Final Assembly | | | |
| | A) Clean inside of Bolt Assembly | | 1/19/91 | RW |
| | B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head | | 1/19/91 | RW |
| | C) Inspect Ejector Hole for Chamfer | | 1/19/91 | RW |
| | D) Oil Firing Pin Ass'y | | 1/19/91 | RW |
| | E) Adjust Trigger Pull to Min Setting and Stake | | 1/23/91 | RM |

| op. # | OP. NAME | READINGS | | | | | DATE | INIT |
|--------------|---|-------------------------------|-------------------------------|-------------------------------|------|------|---------|------|
| 625
cont. | F) Safety On Force | 3 ³ / ₄ | 3 ³ / ₄ | 3 ³ / ₄ | | | 1/23/91 | WB |
| | G) Safety Off Force | 2 ¹ / ₂ | 2 ¹ / ₂ | 2 ¹ / ₂ | | | 1/23/91 | WB |
| | H) Trigger Pull Test & Retainability | | | | | | 1-23-91 | JH |
| | I) Firing Pin Indent | .020 | .021 | .0205 | | | 1/23/91 | WB |
| | J) Assemble Stock | | | | | | 1/24/91 | RW |
| | K) Assemble Swivel Studs | | | | | | 2-6-91 | DH |
| | L) Attach Front and Rear Sight Assemblies | | | | | | 1/24/91 | RW |
| | M) Iron Sight Alignment | | | | | | 1/24/91 | RW |
| | N) Detach Front & Rear Sights & place in numbered container | | | | | | 1/24/91 | RW |
| | O) Attach Scope to Rifle | | | | | | 1/24/91 | RW |
| | P) Detach & Attach Scope 20 Times | | | | | | 1/24/91 | RW |
| 640 | Gallery Target & Test | | | | | | 1-24-91 | NF |
| | A) Time | | | | | | " | NF |
| | B) Malfunctions | | | | | | " | NF |
| | C) Pierced Primers | | | | | | " | NF |
| | D) Optical Clarity of Scope | | | | | | " | NF |
| 645 | Inspect for Live Ammo | | | | | | 1-24-91 | NF |
| 655 | Final Inspection | | | | | | | |
| | A) Headspace | | | | | | 2-6-91 | DH |
| | B) Trigger Pull | 2.43 | 2.43 | 2.42 | 2.39 | 2.42 | 2-1-91 | JH |
| | C) Function | | | | | | 2-6-91 | DH |
| 660 | Pack | | | | | | 3-18-91 | NF |

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6594558

DATE 1-23-91

TESTER JL.

| | 2.50#
INITIAL | 2.50# AFTER
50 CYCLES | FINAL TEST &
TO RESET 2.50# | | COMMENTS |
|---------|------------------|--------------------------|--------------------------------|------|--|
| PULL #1 | 2.20 | 2.39 | 2.10 | 2.43 | MIN. SETTING,
NO AVG. OF 5
READINGS ACCEPT-
ABLE LESS THAN 2# |
| PULL #2 | 2.22 | 2.27 | 2.16 | 2.43 | |
| PULL #3 | 2.22 | 2.21 | 2.49 | 2.42 | |
| PULL #4 | 2.38 | 2.23 | 2.49 | 2.39 | |
| PULL #5 | 2.23 | 2.23 | 2.48 | 2.42 | |
| TOTAL | | | | | |
| AVG. | | | | | |

| | 3.00#
INITIAL | 3.00# AFTER
20 CYCLES | | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.50 | 3.26 | | |
| PULL #2 | 3.31 | 3.22 | | |
| PULL #3 | 3.21 | 3.25 | | |
| PULL #4 | 3.42 | 3.19 | | |
| PULL #5 | 3.44 | 3.38 | | |
| TOTAL | | | | |
| AVG. | | | | |

| | 4.00#
INITIAL | 4.00# AFTER
20 CYCLES | MAX SETTING
GREATER THAN 4# | RESET TO 4# FOR
TARGET & ACCURACY |
|---------|------------------|--------------------------|--------------------------------|--------------------------------------|
| PULL #1 | 4.48 | 4.15 | | 4.36 |
| PULL #2 | 4.53 | 4.27 | | 4.35 |
| PULL #3 | 4.26 | 4.23 | | 4.50 |
| PULL #4 | 4.42 | 4.27 | | 4.38 |
| PULL #5 | 4.13 | 4.13 | | 4.35 |
| TOTAL | | | | |
| AVG. | | | | |

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594558
25 Jan 1991

CENTROIDAL DISTANCES

| | |
|--------|----------|
| 0 TO 1 | .0710634 |
| 1 TO 2 | .274643 |
| 1 TO 3 | .318121 |
| 1 TO 4 | .448403 |
| 1 TO 5 | .297469 |

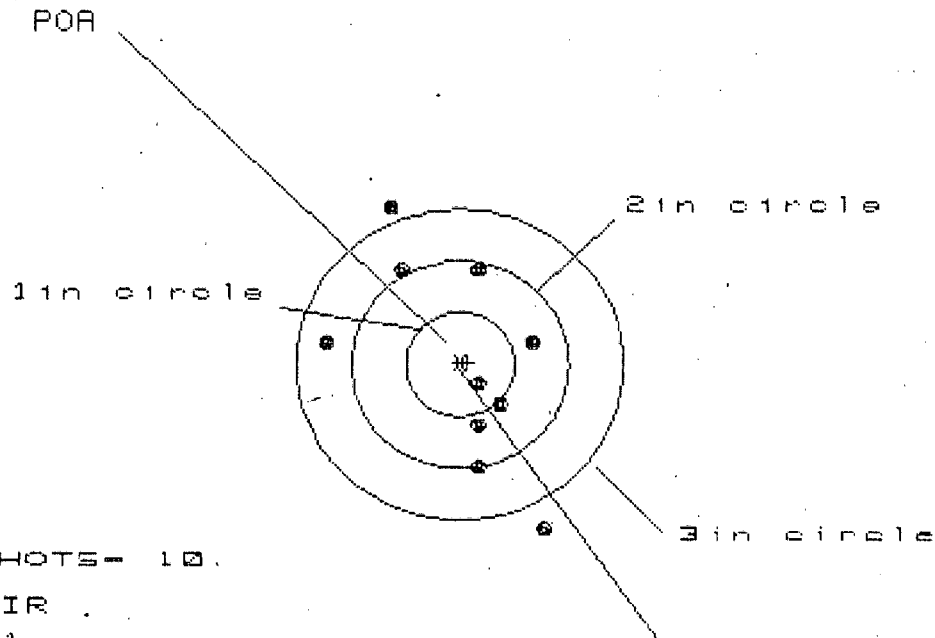
3.5
124 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .063
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0412
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0752758
THE AMR FOR THIS RIFLE IS: 1.164

25 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594558

CENTERFIRE PATTERNS # 1



OF SHOTS- 10.

IN CIR .

1in = 1

2in = 6

3in = 8

HS= 1.991

VS= 3.096

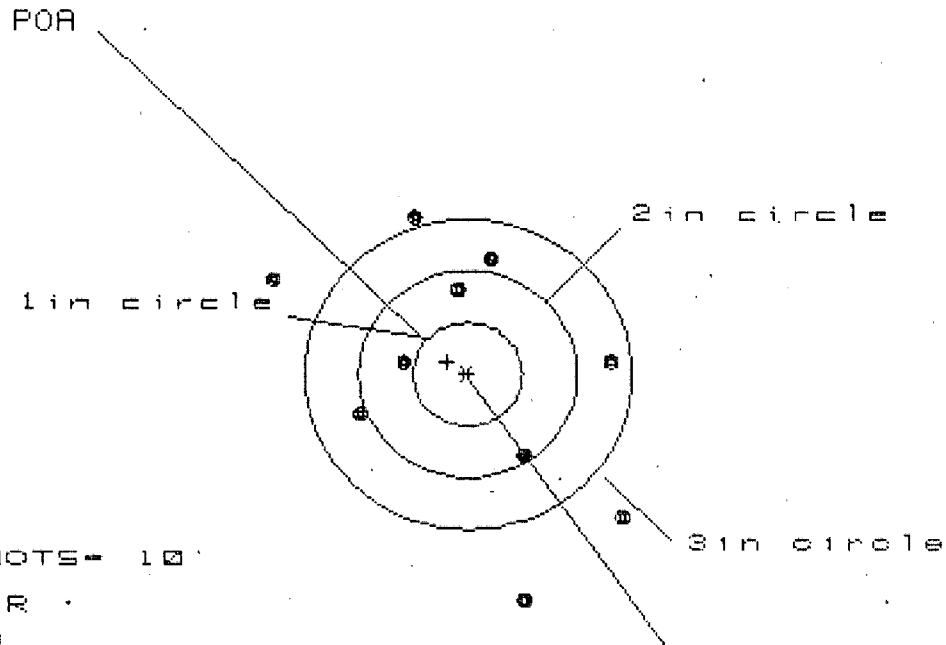
GS= 3.381

| | | | | |
|-----------------------------|---|--------|--------|--------|
| PATTERN # | : | 1 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | .757 | .705 | .640 |
| MINIMUM X | : | -1.234 | -1.150 | -1.215 |
| MAXIMUM Y | : | 1.501 | 1.324 | .900 |
| MINIMUM Y | : | -1.595 | -1.153 | -.900 |
| CENTROID X | : | -.069 | -.153 | -.088 |
| CENTROID Y | : | -.017 | .160 | -.005 |
| POA TO CENTROID in. | : | .071 | .221 | .089 |
| MIN RADIUS | : | .200 | .394 | .222 |
| MEAN RADIUS | : | .960 | .891 | .782 |
| MAX RADIUS | : | 1.765 | 1.421 | 1.226 |
| HORIZONTAL SPREAD | : | 1.991 | 1.855 | 1.855 |
| VERTICAL SPREAD | : | 3.096 | 2.477 | 1.896 |
| EXTREME SPREAD | : | 3.381 | 2.595 | 2.033 |
| NUMBER IN ONE INCH CIRCLE | = | | 1 | |
| NUMBER IN TWO INCH CIRCLE | = | | 6 | |
| NUMBER IN THREE INCH CIRCLE | = | | 8 | |

25 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594558

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in - 0

2 in - 3

3 in - 6

HS - 3.246

VS - 3.629

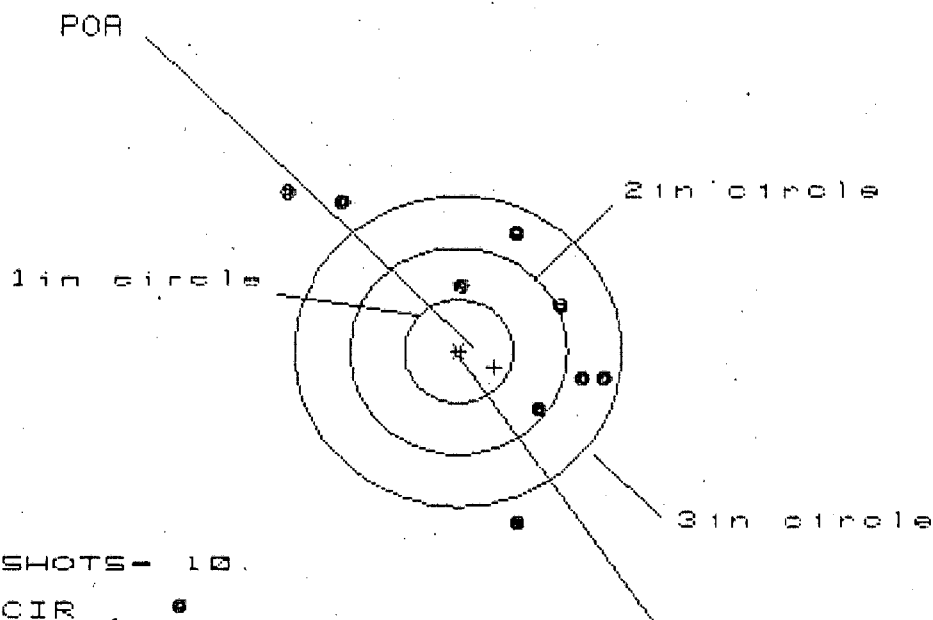
GS - 3.999

| | | | | |
|-----------------------------|---|--------|--------|--------|
| PATTERN # | : | 12 | | |
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.431 | 1.487 | 1.267 |
| MINIMUM X | : | -1.815 | -1.759 | -1.107 |
| MAXIMUM Y | : | 1.493 | 1.256 | 1.342 |
| MINIMUM Y | : | -2.136 | -1.645 | -1.559 |
| CENTROID X | : | .186 | .130 | .350 |
| CENTROID Y | : | -.119 | .118 | .032 |
| POA TO CENTROID in. | : | .221 | .175 | .351 |
| MIN RADIUS | : | .605 | .533 | .715 |
| MEAN RADIUS | : | 1.365 | 1.230 | 1.163 |
| MAX RADIUS | : | 2.196 | 2.218 | 2.009 |
| HORIZONTAL SPREAD | : | 3.246 | 3.246 | 2.374 |
| VERTICAL SPREAD | : | 3.629 | 2.901 | 2.901 |
| EXTREME SPREAD | : | 3.999 | 3.999 | 3.470 |
| NUMBER IN ONE INCH CIRCLE | = | | 0 | |
| NUMBER IN TWO INCH CIRCLE | = | | 3 | |
| NUMBER IN THREE INCH CIRCLE | = | | 6 | |

25 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594558

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR . 6

1 in = 0

2 in = 2

3 in = 6

HS= 3.830

VS= 3.987

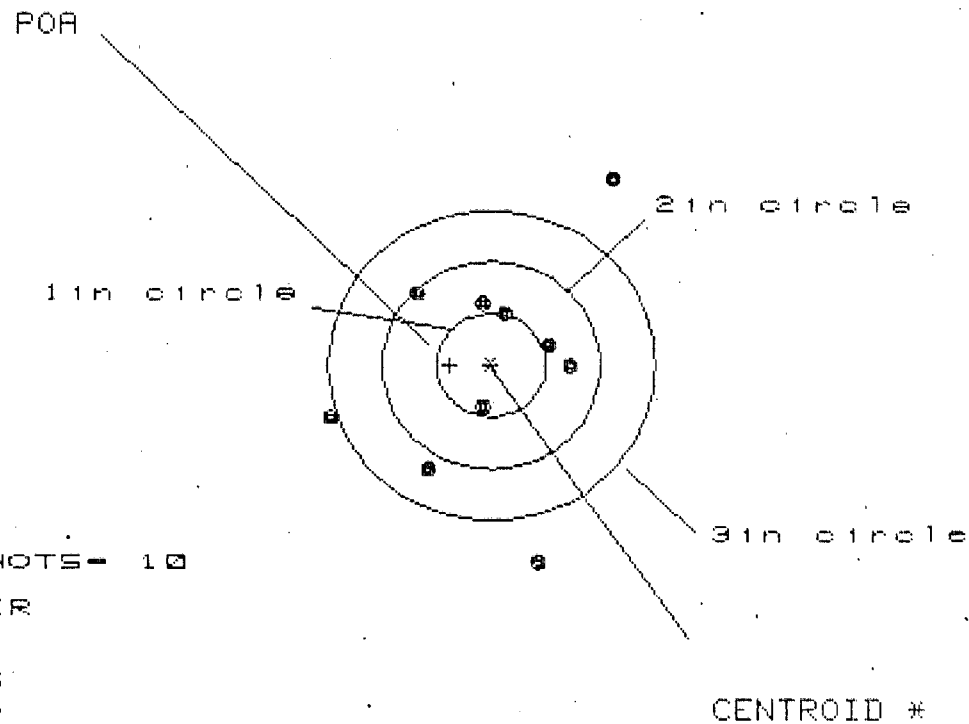
GS= 4.730

| PATTERN # | 3 |
|-------------------------------|--------|
| SHOTS (BEST OF) | 10 |
| MAXIMUM X | 1.299 |
| MINIMUM X | -2.531 |
| MAXIMUM Y | 1.544 |
| MINIMUM Y | -2.443 |
| CENTROID X | -.334 |
| CENTROID Y | .159 |
| POA TO CENTROID in. | .370 |
| MIN RADIUS | .609 |
| MEAN RADIUS | 1.549 |
| MAX RADIUS | 3.518 |
| HORIZONTAL SPREAD | 3.830 |
| VERTICAL SPREAD | 3.987 |
| EXTREME SPREAD | 4.730 |
| NUMBER IN ONE INCH CIRCLE = | 0 |
| NUMBER IN TWO INCH CIRCLE = | 2 |
| NUMBER IN THREE INCH CIRCLE = | 6 |

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FILE:/PATTERNING/CENTERFIRE_PATT/C6594558

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 7

HS= 2.557

VS= 3.684

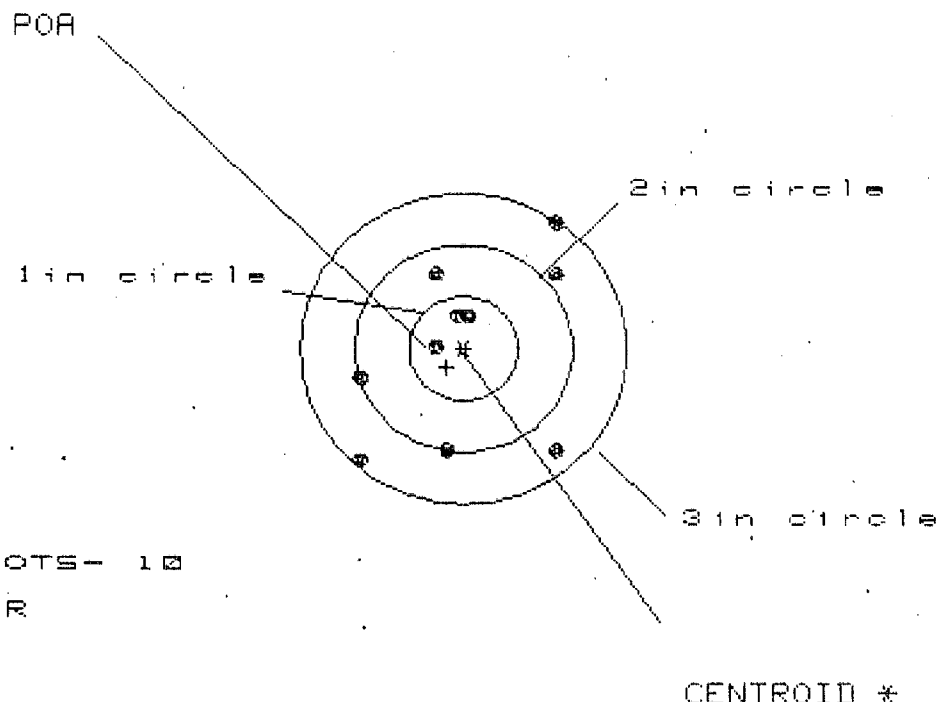
GS= 3.757

| PATTERN # | : | 4 | 9 | 8 |
|-------------------------------|---|--------|--------|--------|
| SHOTS (BEST OF) | : | 10 | 9 | 8 |
| MAXIMUM X | : | 1.119 | .878 | .941 |
| MINIMUM X | : | -1.438 | -1.313 | -1.250 |
| MAXIMUM Y | : | 1.824 | .859 | .652 |
| MINIMUM Y | : | -1.860 | -1.657 | -.979 |
| CENTROID X | : | .379 | .254 | .191 |
| CENTROID Y | : | .002 | -.201 | .006 |
| POA TO CENTROID in. | : | .379 | .324 | .191 |
| MIN RADIUS | : | .447 | .238 | .453 |
| MEAN RADIUS | : | 1.046 | .933 | .809 |
| MAX RADIUS | : | 2.140 | 1.733 | 1.350 |
| HORIZONTAL SPREAD | : | 2.557 | 2.191 | 2.191 |
| VERTICAL SPREAD | : | 3.684 | 2.516 | 1.631 |
| EXTREME SPREAD | : | 3.757 | 2.720 | 2.248 |
| NUMBER IN ONE INCH CIRCLE = | : | 1 | | |
| NUMBER IN TWO INCH CIRCLE = | : | 6 | | |
| NUMBER IN THREE INCH CIRCLE = | : | 7 | | |

25 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594558

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 9

HS= 1.814

VS= 2.278

GS= 2.901

| PATTERN # | 5 | 9 | 8 |
|-----------------------------|--------|-------|--------|
| SHOTS (BEST OF) | 10 | 9 | 8 |
| MAXIMUM X | .861 | .955 | .847 |
| MINIMUM X | -.953 | -.859 | -.953 |
| MAXIMUM Y | 1.244 | .869 | .757 |
| MINIMUM Y | -1.034 | -.896 | -1.004 |
| CENTROID X | .153 | .059 | .167 |
| CENTROID Y | .181 | .043 | .155 |
| POA TO CENTROID in. | .237 | .073 | .228 |
| MIN RADIUS | .302 | .253 | .317 |
| MEAN RADIUS | .901 | .841 | .770 |
| MAX RADIUS | 1.503 | 1.272 | 1.276 |
| HORIZONTAL SPREAD | 1.814 | 1.814 | 1.800 |
| VERTICAL SPREAD | 2.278 | 1.765 | 1.761 |
| EXTREME SPREAD | 2.901 | 2.499 | 2.022 |
| NUMBER IN ONE INCH CIRCLE = | | 3 | |
| NUMBER IN TWO INCH CIRCLE = | | 5 | |

NUMBER IN THREE INCH CIRCLE =

9

0