

C6348839

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Smeal[®]

No. 2-152-5L

M2400039505

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00112694** Serial: C6348839 Model M24 SWS Center Fire
 Verify Repair Caliber: 7.62 NATO Repairman: Status: Closed 5/23/2006 11:37:49 AM

Address Information

Customer: Received From Return To: Received From

Name: DEPARTMENT OF THE ARMY DEPARTMENT OF THE ARMY

Address 1: A COMPANY 2ND BATTALION A COMPANY 2ND BATTALION

Address 2: 7TH SPECIAL FORCES GROUP PO Box: 7TH SPECIAL FORCES GROUP 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

Phone: NA

Fax:

Email:

Comments:

Received Condition

Poor

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A057	Frt and Rear Sgt Base	1

Repair Search Refresh Close

maglet 5/23/2006 1:24 PM CAPS NUM INS SCRL

start 3 Microso... 2 Microso... 3 Interne... Part Search... Arms Servic... 1:24 PM

Serial Number: **C6348839**

Model: **M24 SWS**



RE00112694

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

DATE 5-3-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.45	2.49		2.52	
PULL #2	2.40	2.57		2.45	
PULL #3	2.41	2.57		2.42	
PULL #4	2.43	2.55		2.52	
PULL #5	2.59	2.54		2.44	
TOTAL	12.28	12.72		12.35	
AVERAGE	2.45	2.54		2.47	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.11	3.20		
PULL #2	3.09	3.09		
PULL #3	3.14	3.04		
PULL #4	3.17	3.21		
PULL #5	3.04	3.12		
TOTAL	15.55	15.66		
AVERAGE	3.11	3.13		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.09	4.09		4.09
PULL #2	4.13	4.11		4.07
PULL #3	4.06	3.90		4.08
PULL #4	4.00	3.92		4.00
PULL #5	4.06	3.96		4.03
TOTAL	20.34	19.98		20.27
AVERAGE	4.06	3.99		4.05

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348839.___0
FILE DATE AND TIME: 06/08/2006 03:13

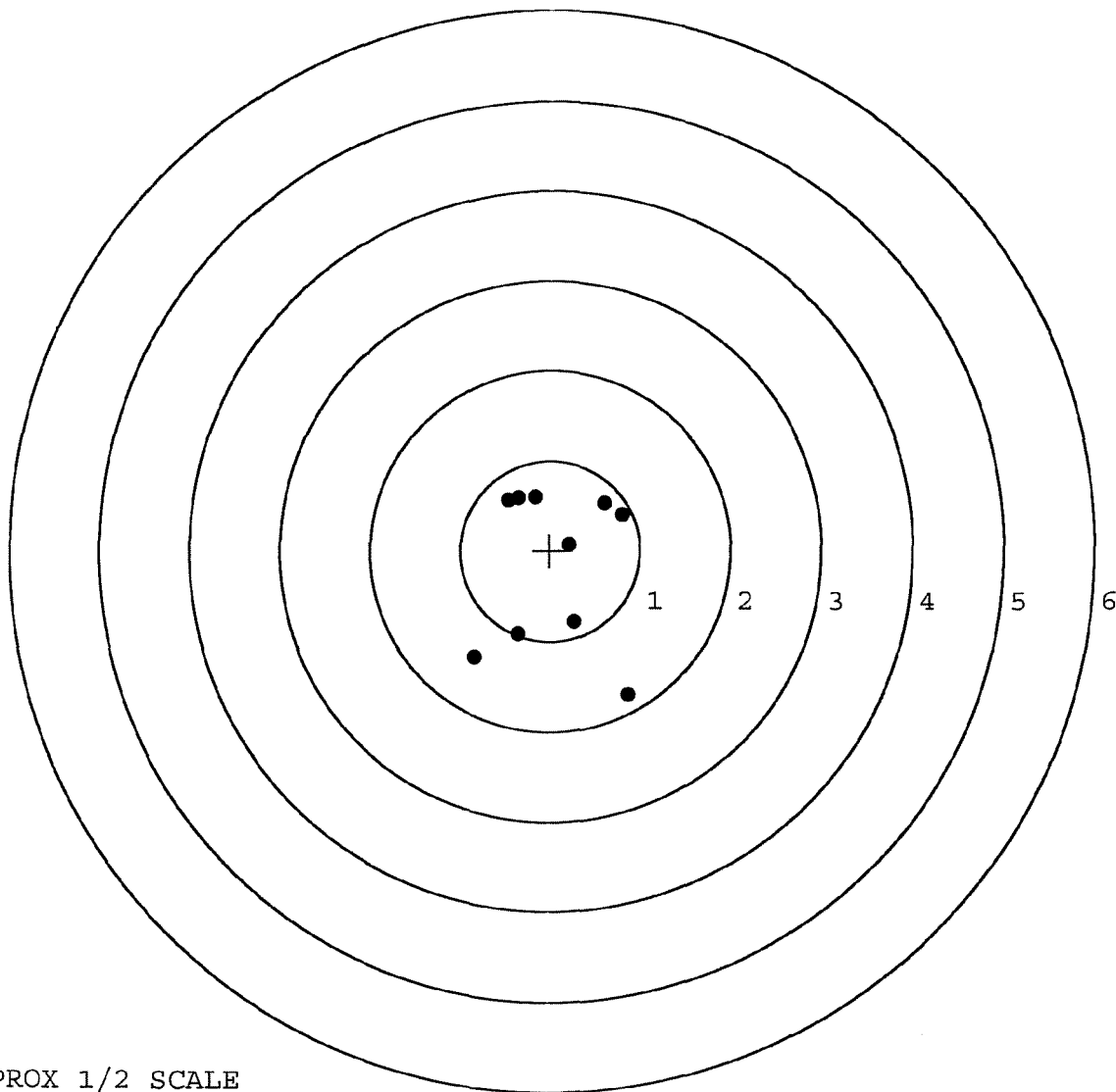
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.049
The Average Y Centroid of the Five Target Set:	-0.046
The Average Point of Impact of the Five Target Set:	0.067
The Average Mean Radius of the Five Target Set:	0.829
The Distance from POA to Centroid Target #1:	0.183
The Distance from Centroid Target #2 to Centroid Target #1:	0.090
The Distance from Centroid Target #3 to Centroid Target #1:	0.370
The Distance from Centroid Target #4 to Centroid Target #1:	0.011
The Distance from Centroid Target #5 to Centroid Target #1:	0.209

SERIAL NUMBER: C6348839. 0
TARGET NUMBER: 1
FILE DATE: 06/08/2006
FILE TIME: 03:13

POINT#	X	Y
1:	0.805	0.404
2:	0.606	0.533
3:	0.217	0.066
4:	-0.167	0.597
5:	-0.356	0.592
6:	-0.467	0.562
7:	-0.839	-1.175
8:	-0.355	-0.924
9:	0.273	-0.791
10:	0.878	-1.593

X CENTROID: 0.059
Y CENTROID: -0.173
POA TO CENTROID: 0.183
HORZ SPREAD: 1.717
VERT SPREAD: 2.190
GROUP SPREAD: 2.540
MIN RADIUS: 0.286
MAX RADIUS: 1.639
MEAN RADIUS: 0.920
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9



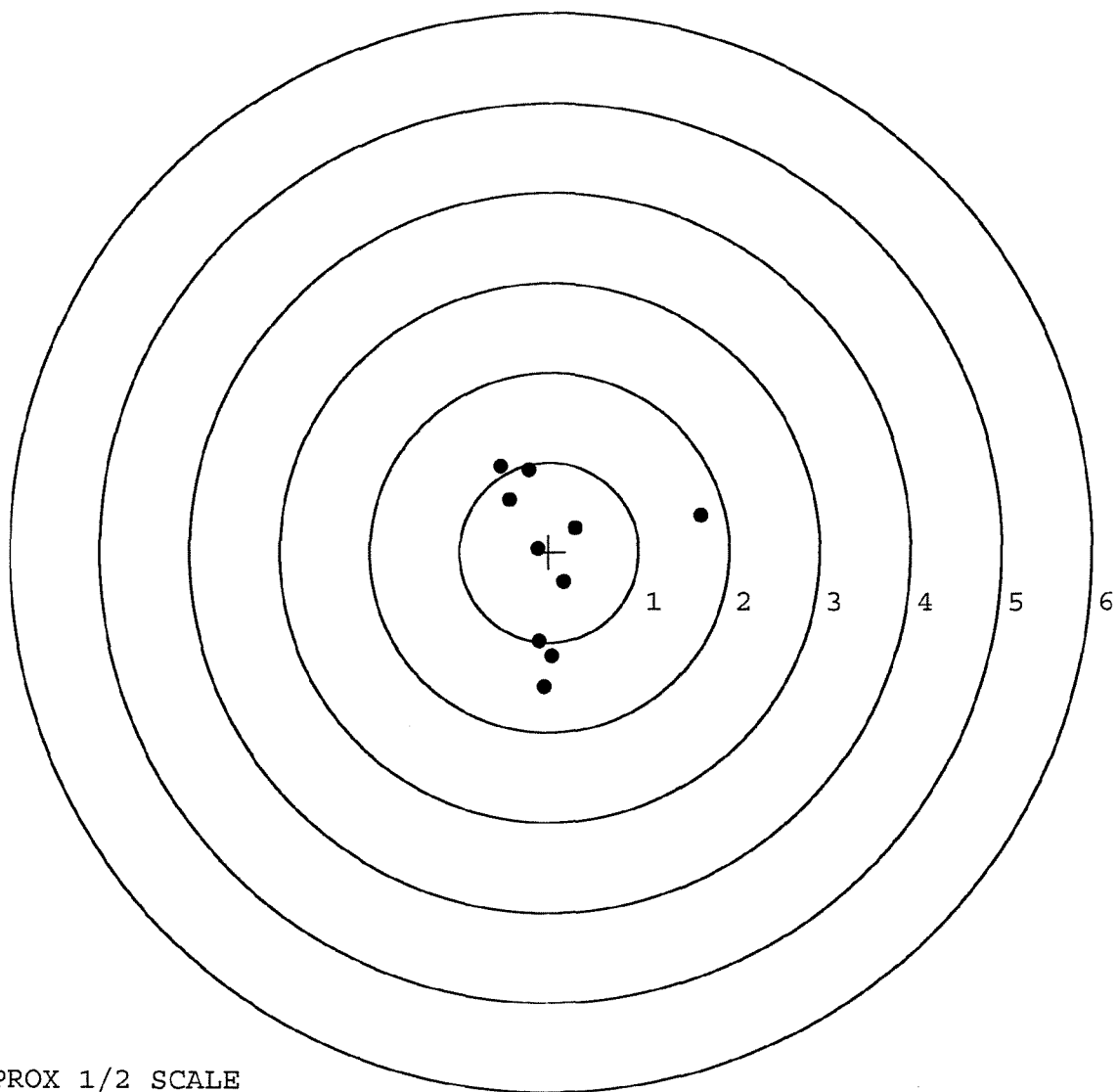
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348839. __0
TARGET NUMBER: 2
FILE DATE: 06/08/2006
FILE TIME: 03:13

X CENTROID: 0.068
Y CENTROID: -0.083
POA TO CENTROID: 0.108
HORZ SPREAD: 2.224
VERT SPREAD: 2.459
GROUP SPREAD: 2.581
MIN RADIUS: 0.226
MAX RADIUS: 1.685
MEAN RADIUS: 0.912

POINT#	X	Y
1:	1.680	0.409
2:	0.292	0.268
3:	0.170	-0.334
4:	-0.124	0.035
5:	-0.108	-0.996
6:	0.044	-1.164
7:	-0.052	-1.504
8:	-0.446	0.582
9:	-0.231	0.917
10:	-0.544	0.955

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9

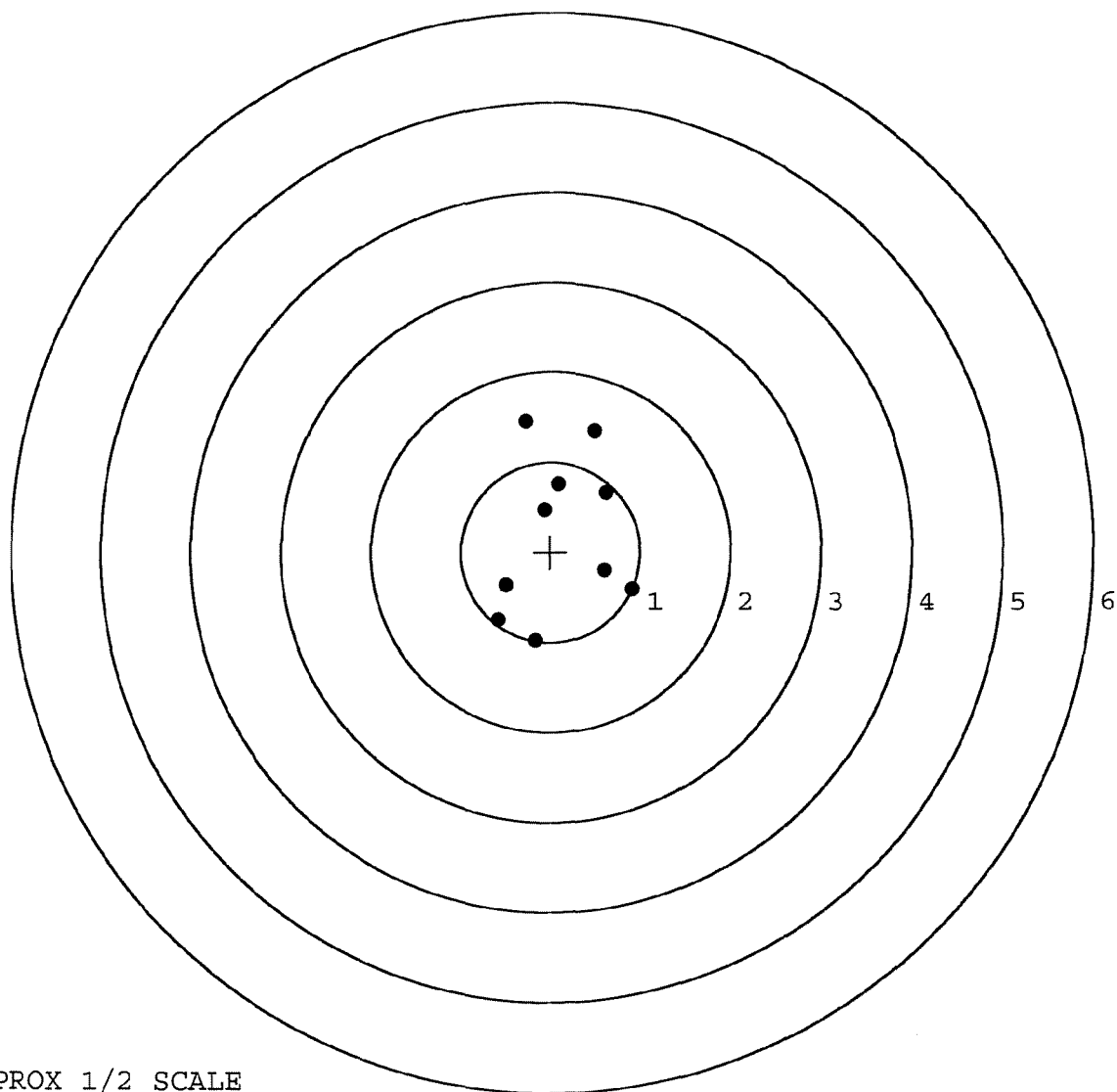


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348839. __0
TARGET NUMBER: 3
FILE DATE: 06/08/2006
FILE TIME: 03:13

POINT#	X	Y
1:	0.490	1.341
2:	0.624	0.664
3:	0.087	0.760
4:	-0.071	0.469
5:	-0.284	1.441
6:	0.917	-0.414
7:	0.611	-0.206
8:	-0.172	-0.989
9:	-0.586	-0.759
10:	-0.494	-0.373

X CENTROID: 0.112
Y CENTROID: 0.193
POA TO CENTROID: 0.224
HORZ SPREAD: 1.503
VERT SPREAD: 2.430
GROUP SPREAD: 2.433
MIN RADIUS: 0.331
MAX RADIUS: 1.309
MEAN RADIUS: 0.898
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 10

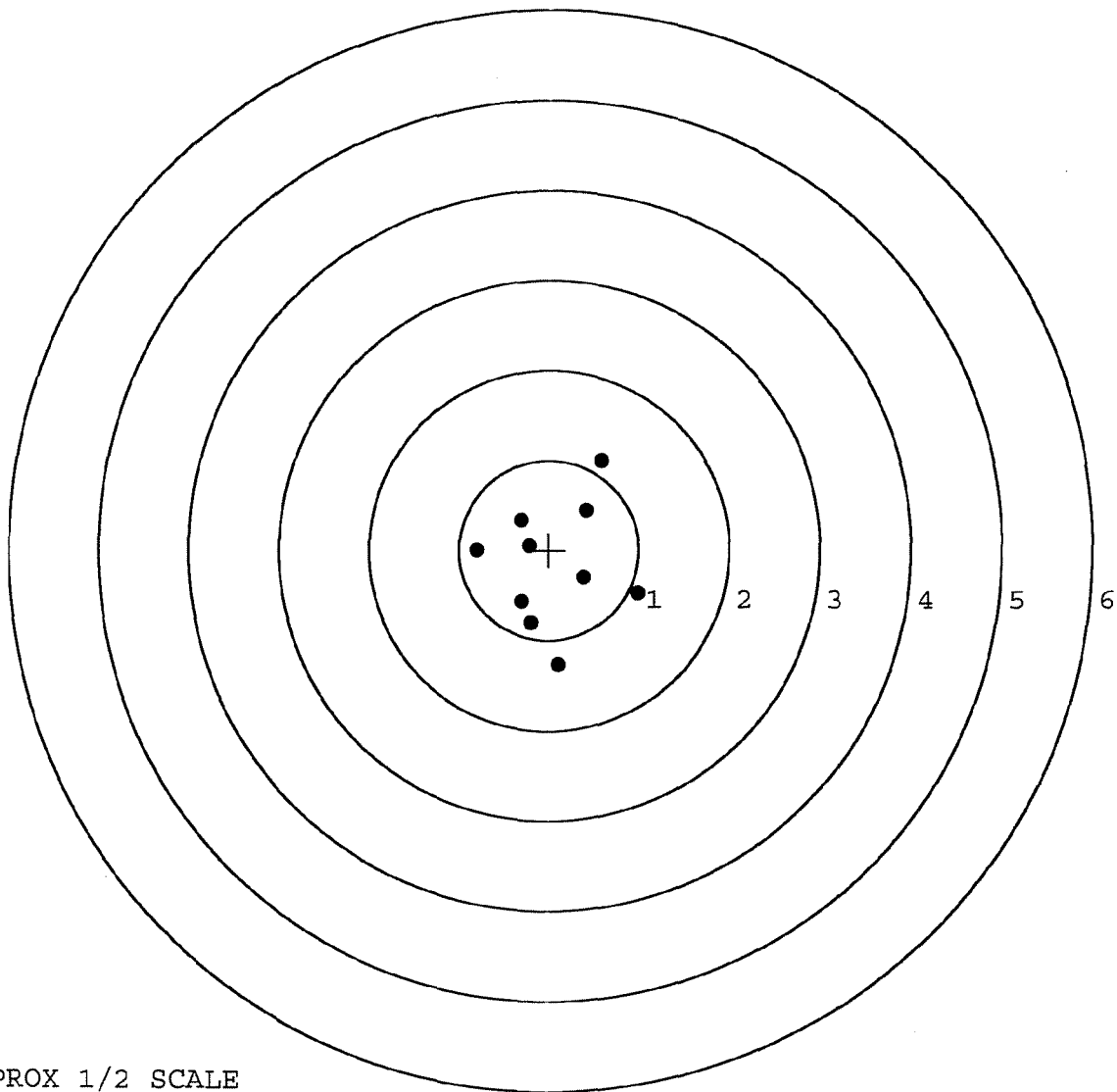


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348839. __0
TARGET NUMBER: 4
FILE DATE: 06/08/2006
FILE TIME: 03:13

X CENTROID: 0.066
Y CENTROID: -0.164
POA TO CENTROID: 0.177
HORZ SPREAD: 1.792
VERT SPREAD: 2.274
GROUP SPREAD: 2.322
MIN RADIUS: 0.358
MAX RADIUS: 1.272
MEAN RADIUS: 0.755
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.111	-1.276
2:	0.992	-0.483
3:	0.393	-0.313
4:	0.419	0.444
5:	0.583	0.998
6:	-0.309	0.335
7:	-0.219	0.052
8:	-0.800	-0.003
9:	-0.306	-0.578
10:	-0.199	-0.815

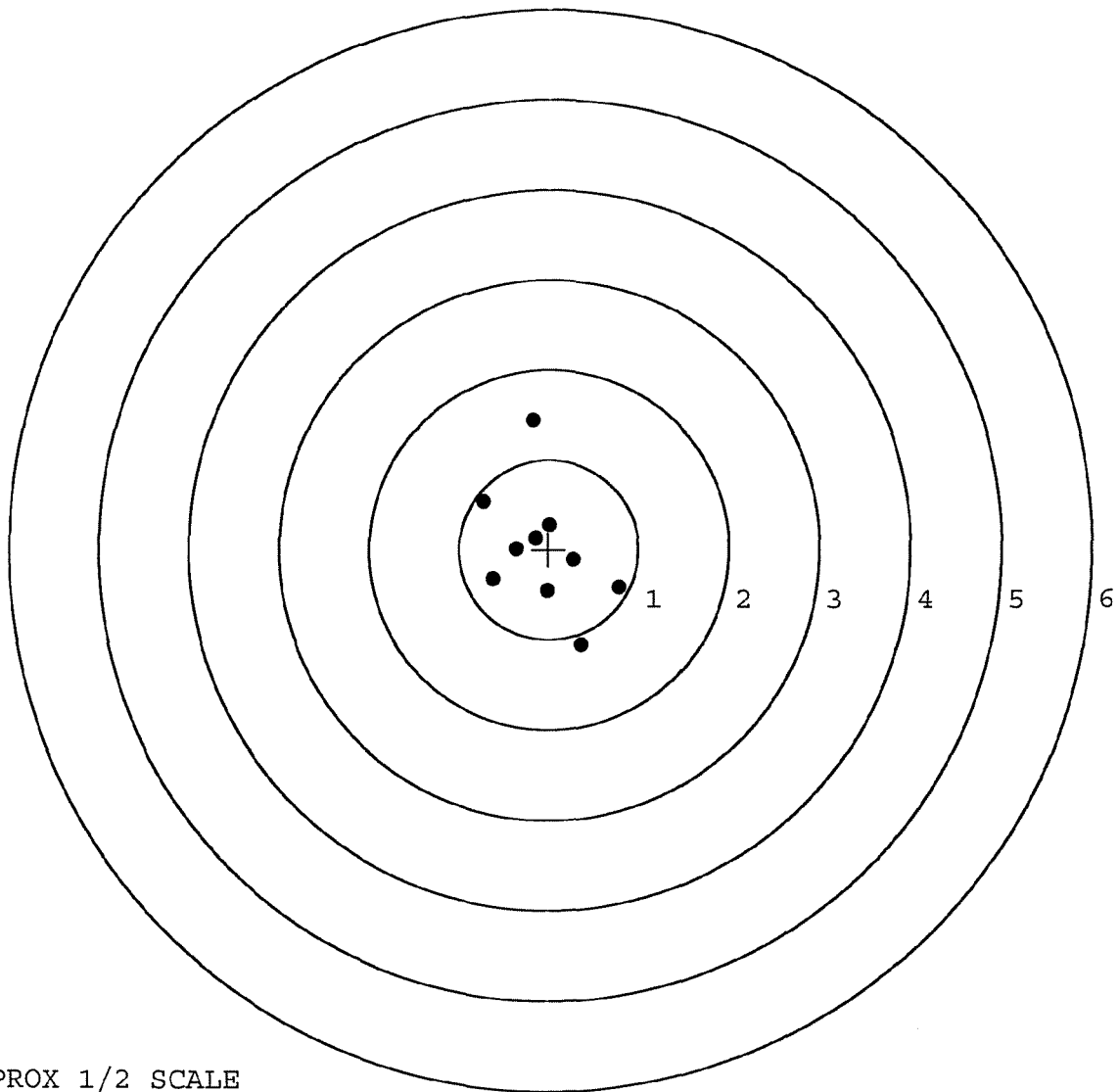


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348839. __0
TARGET NUMBER: 5
FILE DATE: 06/08/2006
FILE TIME: 03:13

X CENTROID: -0.061
Y CENTROID: -0.003
POA TO CENTROID: 0.061
HORZ SPREAD: 1.526
VERT SPREAD: 2.500
GROUP SPREAD: 2.558
MIN RADIUS: 0.151
MAX RADIUS: 1.445
MEAN RADIUS: 0.661
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.793	-0.424
2:	0.361	-1.063
3:	-0.017	-0.465
4:	0.276	-0.120
5:	0.020	0.269
6:	-0.143	0.124
7:	-0.360	0.007
8:	-0.625	-0.328
9:	-0.733	0.537
10:	-0.181	1.437



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	112694		
SERIAL NUMBER	C6348839		
LOG-IN DATE	5-23-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	5-24-06	RTZ
505	RE-BARREL	5-26-06	RTZ
560	ASSEMBLE	5-30-06	RTZ
600	PROOF	MAGNA-FLUX INSPECTED 5-30-06	TRW
605	CHECK HEADSPACE	5-30-06	TRW
610	DIS-ASSEMBLE GUN	JUN 02 2006 6-1-06	RTZ
612	MAGNAFLUX	OPERATOR <u>APD</u> 6-2-06	APD
510	DRILL AND TAP	6-1-06	TRW
615	ROLLMARK CALIBER	6-2-06	CW
618	ROTO-BLAST	6-2-06	CB
620	APPLY COATINGS	6-5-06	TRW
625	FINAL ASSEMBLY	6-7-06	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	6-8-06 TRW
650	TARGET	(PASS) FAIL	6-8-06 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	6-8-06	RP
	A) HEADSPACE	(PASS) FAIL	6-8-06 AC
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 2.59 2.81 2.84 2.84 2.85	6-8-06 RA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 4.5 4.0 4.0	6-8-06 RA
	G) SAFETY OFF FORCE	2 LBS MIN 2.0 2.0 2.0	6-8-06 RA
	I) FIRING PIN INDENT	.020 .021 .022 .022	6-8-06 RA
690	PACK	6-9-06	RA

Clean, test & inspect

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: **RE00008592** Serial: **C6348839** Model **700** Center Fire Caliber: **7.62 M-24 (SWS)** Repairman: Status: **Closed 4/27/00 8:50:57 AM**

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☒ Received From

Name: **2/7TH SPECIAL FORCES GROUP (A)** **2/7TH SPECIAL FORCES GROUP (A)**

Address 1: **ATTN: S4, BLDG. E-3323** **ATTN: S4, BLDG. E-3323**

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

Phone:

Fax:

Email:

Comments:

Received Condition

Poor

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud, & SWIVEL	2
A016	Scope Mounts	2
A017	Scope Base	1
A026	Scope	1

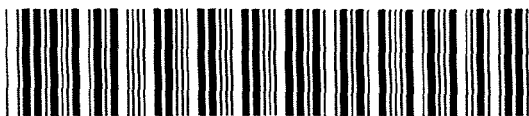
Repair Search Refresh Close

nagletj 4/27/00 12:49 PM CAPS NUM INS SCRL

Start Inb... Na... SA... Ex... Mi... A... Pa... W Mi... Pri... 12:49 PM

Serial Number: **C6348839**

Model: **700**



RE00008592

Scope # 89-0207

Final Inspection

S.N.:

DATE REC'D:

DATE RET'D:

AUDITOR: *lew*

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:

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

R & E NUMBER			
SERIAL NUMBER		C 634 8839	
LOG-IN DATE		5-11-00	
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5-15-00	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	5-22-00	RW
605	CHECK HEADSPACE	5-27-00	RW
610	DIS-ASSEMBLE GUN		
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	7-21-00	RW
655	FINAL INSPECT	7-25-00	RW
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 96-02146

INITIAL CUSTOMER ORDER NO.

FPS 10797

SNIPER M-24

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE	
01/17/96	01/17/96	WJ 8-89	C6348839		700 7.62	NATO
ACCESSORIES W/STUDS SOFT CASE SCOPE BASE						

FROM:

CPT. DRAGNETT
HSC 217TH SFG (A)
BLDG E-3928
FT BRAGG

NC 28307

SHIP TO:

Commander
C.O.D. 2/7 SFG(A)
CPT. DRAGNETT Bldg E-3323
HSC 217TH SFG (A) Ft BRAGG, AC
BLDG E-3928
FT BRAGG
ATTN: S-4
NO
28307

CUST NO: 136557 C.O.D. W HOO TO

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

DOOR

GUN CONDITION

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

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

E1

F1

BOLT ASSY.

B3

E2

F2

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

PARTS

W 52 H 096017 H 244

COMMENTS

Barrel - 96003
Stock - 96018
Mag Spring - 15677

Repowder Coat Trigger Guard
Assy, Front & Rear Sight Bases
Rezinic Scope Base & Swivel
Studs

Shot with Slave Scope

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD5925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400039518

PAYMENT:

Mastercard / Visa (circle one)

Card #:

Exp. Date:

Signature

RETURN:

☐ Clark Street Entrance☒ Via US Mail or UPS

(PLEASE PRINT CLEARLY)

FIREARMS DELIVERED TO PLANT

FILE NO. 010797

DATE 1/17/96

CUSTOMER NAME:

WARREN C DEMAREST

ADDRESS:

D CO 2ND BN 1ST SWTG

~~3RD INFANTRY~~

FT. BRAGG, NC

ZIP:

28307

PHONE:

910 432-9037

FIREARM

MODEL: M24

CHECK FOR AMMUNITION

GAUGE: 7.62

SERIAL # C6348839

CONDITION:

N/A

WOOD

GOOD

FAIR

POOR

FANCY

PLAIN

METAL

GOOD

FAIR

POOR

FANCY

PLAIN

BARREL

VT. RIB

PLAIN

DEER RSS

ACCESSORIES:

SCOPE: YES

NO

(BRAND NAME/POWER)

SLING: YES

NO

GUN CASE: YES

NO

(HARD - SOFT)

EXTRA BBL FOR GUN MENTIONED ABOVE:

OTHER (Note in this area items missing or added from orig. equipment)

CUSTOMER REQUEST:

REPAIR PER CONTRACT

SIGNATURE:

(Person delivering firearm to Plant)

DATE:

17 JAN 96

SIGNATURE:

(Security Officer)

DATE:

1/17/96

SIGNATURE:

(Firearm picked up by)

DATE:

Arm Service Copy

CONTRACT # DAAA21-87-C-0086

New Barrel /
Stock

GUN SERIAL # C6348839

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		1/22/96	RW
600	Proof		1/22/96	RW
607	Check Headspace		1/22/96	RW
610	Dis-assemble Gun		1/22/96	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/27/96	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/27/96	RW
	C) Inspect Ejector Hole for Chamfer		1/27/96	RW
	D) Oil Firing Pin Ass'y		1/27/96	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS				DATE	INIT
625 cont.	F) Safety On Force						
	G) Safety Off Force						
	H) Trigger Pull Test & Retainability						
	I) Firing Pin Indent						
	J) Assemble Stock					1/29/96	RW
	K) Assemble Swivel Studs						
	L) Attach Front and Rear Sight Assemblies						
	M) Iron Sight Alignment						
	N) Detach Front & Rear Sights & place in numbered container						
	O) Attach Scope to Rifle						
	P) Detach & Attach Scope 20 Times						
640	Gallery Target & Test					1/29/96	WB
	A) Time						
	B) Malfunctions						
	C) Pierced Primers						
	D) Optical Clarity of Scope						
645	Inspect for Live Ammo						
655	Final Inspection						
	A) Headspace						
	B) Trigger Pull						
	C) Function						
660	Pack						

Final Inspection

Sni. C6348839

DATE REC'D: 1/17/96

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:

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348839
3 Jan 1900

CENTROIDAL DISTANCES

Ø TO	1	1.84353
1 TO	2	.128133
1 TO	3	.340812
1 TO	4	.0833847
1 TO	5	.0802808

$\bar{A}_3$

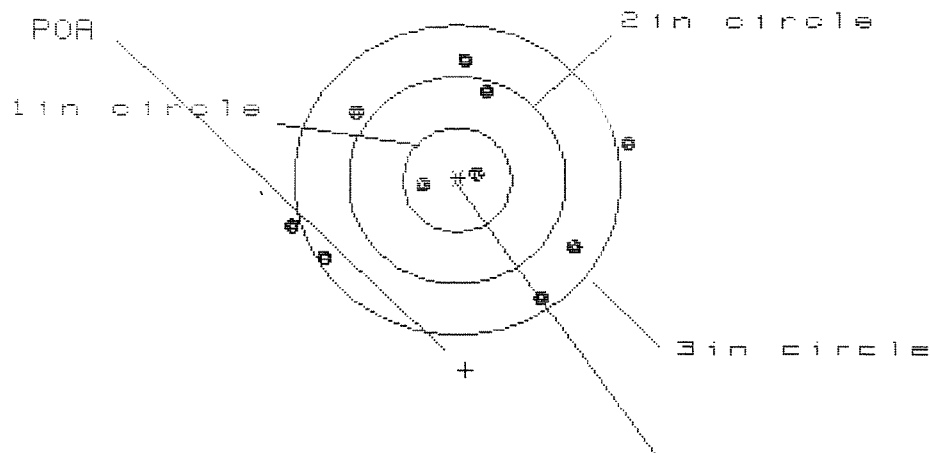
+ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0482
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.7898
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.79045
THE AMR FOR THIS RIFLE IS: .9878

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8348839

CENTERFIRE PATTERNS # 1



CENTROID #

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 3

3 in = 8

HS= 3.144

VS= 2.279

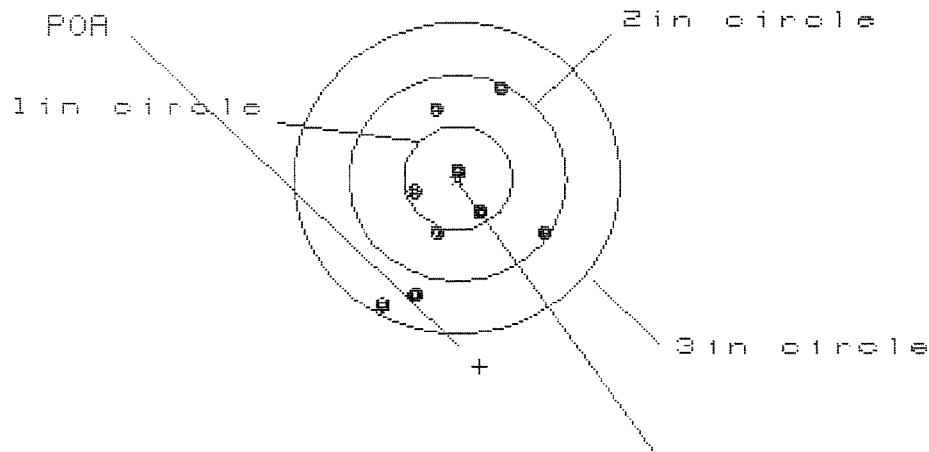
GS= 3.254

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.605	1.287	1.117
MINIMUM X	:	-1.539	-1.361	-1.188
MAXIMUM Y	:	1.110	1.151	1.097
MINIMUM Y	:	-1.169	-1.128	-1.182
CENTROID X	:	-.075	-.253	-.083
CENTROID Y	:	1.842	1.801	1.855
POA TO CENTROID in.	:	1.843	1.819	1.857
MIN RADIUS	:	.182	.152	.188
MEAN RADIUS	:	1.107	1.038	.976
MAX RADIUS	:	1.646	1.485	1.425
HORIZONTAL SPREAD	:	3.144	2.648	2.305
VERTICAL SPREAD	:	2.279	2.279	2.279
EXTREME SPREAD	:	3.254	2.653	2.548
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	8		

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6348839

CENTERFIRE PATTERNS # 2



CENTROID #

OF SHOTS = 10

IN CIR

1in = 3

2in = 6

3in = 9

HS = 1.496

VS = 3.255

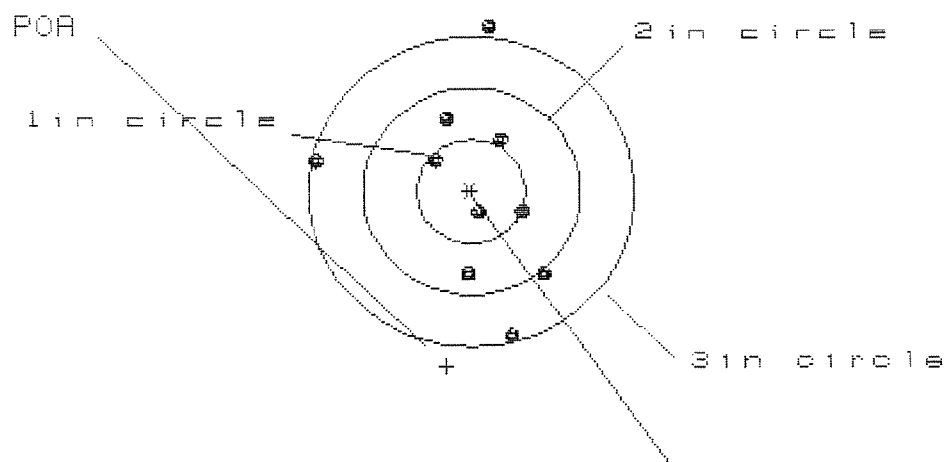
GS = 3.402

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.833	.870	.791
MINIMUM X	:	-.663	-.626	-.446
MAXIMUM Y	:	2.051	1.144	1.022
MINIMUM Y	:	-1.204	-.976	-.989
CENTROID X	:	-.202	-.239	-.160
CENTROID Y	:	1.825	1.597	1.719
POA TO CENTROID in.	:	1.836	1.615	1.727
MIN RADIUS	:	.062	.267	.171
MEAN RADIUS	:	.879	.725	.664
MAX RADIUS	:	2.077	1.237	1.095
HORIZONTAL SPREAD	:	1.496	1.496	1.237
VERTICAL SPREAD	:	3.255	2.120	2.011
EXTREME SPREAD	:	3.402	2.387	2.176
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			9	

2 Jan 1988

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 2.083

VS= 3.004

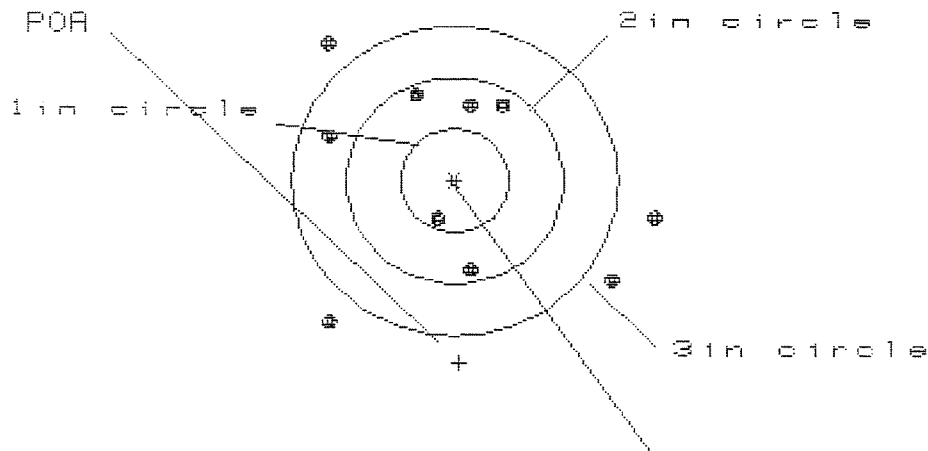
GS= 3.016

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.641	.655	.476
MINIMUM X	:	-1.442	-1.428	-.473
MAXIMUM Y	:	1.600	.847	.911
MINIMUM Y	:	-1.404	-1.226	-1.162
CENTROID X	:	.232	.218	.397
CENTROID Y	:	1.694	1.516	1.452
POA TO CENTROID in.	:	1.710	1.532	1.506
MIN RADIUS	:	.188	.082	.117
MEAN RADIUS	:	.874	.783	.671
MAX RADIUS	:	1.605	1.516	1.185
HORIZONTAL SPREAD	:	2.083	2.083	.949
VERTICAL SPREAD	:	3.004	2.073	2.073
EXTREME SPREAD	:	3.016	2.524	2.154
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

2 Jan 1988

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CENTERFIRE PATTERNS # 4



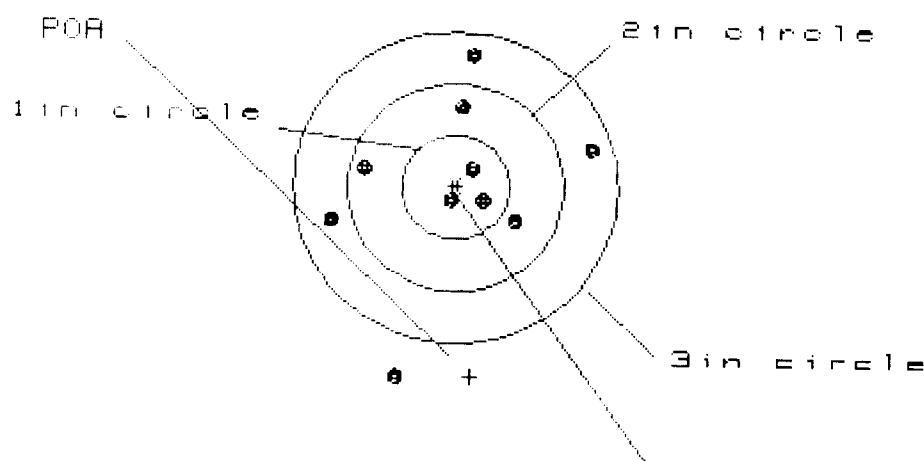
OF SHOTS= 10
IN CIR
1in = 1
2in = 5
3in = 6
HS= 3.017
VS= 2.649
GS= 3.443

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.817	1.618	1.502
MINIMUM X	:	-1.201	-0.999	-1.115
MAXIMUM Y	:	1.294	1.250	1.075
MINIMUM Y	:	-1.355	-1.399	-1.217
CENTROID X	:	-0.043	-0.244	-0.128
CENTROID Y	:	1.765	1.809	1.984
POA TO CENTROID in.	:	1.765	1.825	1.988
MIN RADIUS	:	.385	.390	.568
MEAN RADIUS	:	1.209	1.121	1.024
MAX RADIUS	:	1.860	1.925	1.933
HORIZONTAL SPREAD	:	3.017	2.617	2.617
VERTICAL SPREAD	:	2.649	2.649	2.292
EXTREME SPREAD	:	3.443	3.443	3.443
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			6	

Jan 1988

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CENTERFIRE PATTERNS # 5



CENTROID *

* OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.344

VS= 3.151

ES= 3.221

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.223	1.167	1.181
MINIMUM X	:	-1.121	-1.177	-1.163
MAXIMUM Y	:	1.311	1.107	.678
MINIMUM Y	:	-1.840	-.542	-.404
CENTROID X	:	-.153	-.097	-.111
CENTROID Y	:	1.823	2.027	1.889
POA TO CENTROID in.	:	1.829	2.029	1.892
MIN RADIUS	:	.158	.158	.178
MEAN RADIUS	:	.870	.748	.681
MAX RADIUS	:	1.907	1.296	1.231
HORIZONTAL SPREAD	:	2.344	2.344	2.344
VERTICAL SPREAD	:	3.151	1.040	1.000
EXTREME SPREAD	:	3.221	2.456	2.456
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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

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

MODEL 700™ H24

SERIAL NO.
 C6348839

ORDER NO.
 5716

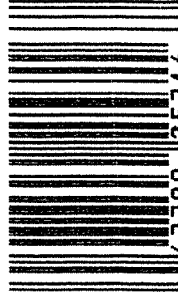
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

Ø1



5716 C6348839

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348839

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

op. #	OP. NAME	READINGS				DATE	INIT
625 cont.	F) Safety On Force	4	4	4		8/24/89	WLB
	G) Safety Off Force	4 1/4	4 1/2	4 1/2		8/24/89	WLB
	H) Trigger Pull Test & Retainability					8/24/89	JU
	I) Firing Pin Indent	.0215	.0215	.021		8/24/89	WLB
	J) Assemble Stock					8/28/89	RW
	K) Assemble Swivel Studs					31 Aug 89	JS
	L) Attach Front and Rear Sight Assemblies					8/28/89	RW
	M) Iron Sight Alignment					8/28/89	RW
	N) Detach Front & Rear Sights & place in numbered container					8/28/89	RW
	O) Attach Scope to Rifle					8/28/89	QJ
	P) Detach & Attach Scope 20 Times					8/28/89	QJ
640	Gallery Target & Test	74	156			8-30-89	A
	A) Time					8-30-89	A
	B) Malfunctions					8-30-89	A
	C) Pierced Primers					8-30-89	A
	D) Optical Clarity of Scope					8-30-89	A
645	Inspect for Live Ammo					8-30-89	A
655	Final Inspection						
	A) Headspace					31 Aug 89	JS
	B) Trigger Pull	223	221	237	211	202	31 Aug 89
	C) Function					31 Aug 89	JS
660	Pack						JS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 8839

DATE 4/4/90

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.45	2.34	2.95	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.32	2.28	
PULL #3	2.40	2.27	2.34	
PULL #4	2.46	2.30	2.29	
PULL #5	2.35	2.30	2.31	
TOTAL	12.07	11.53	11.67	
AVG.	2.41	2.31	2.33	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.12	3.35	
PULL #2	3.05	3.06	
PULL #3	3.07	3.13	
PULL #4	3.14	3.16	
PULL #5	3.13	3.12	
TOTAL	15.51	15.62	
AVG.	3.11	3.12	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.06		
PULL #2	4.16	4.20		
PULL #3	4.18	4.22		
PULL #4	4.27	4.26		
PULL #5	4.24	4.24		
TOTAL	21.07	20.98		
AVG.	4.21	4.19		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348839
31 Aug 1989

CENTROIDAL DISTANCES

0 TO 1	.173066
1 TO 2	.390514
1 TO 3	.497309
1 TO 4	.300095
1 TO 5	.643218

1
E (----POA

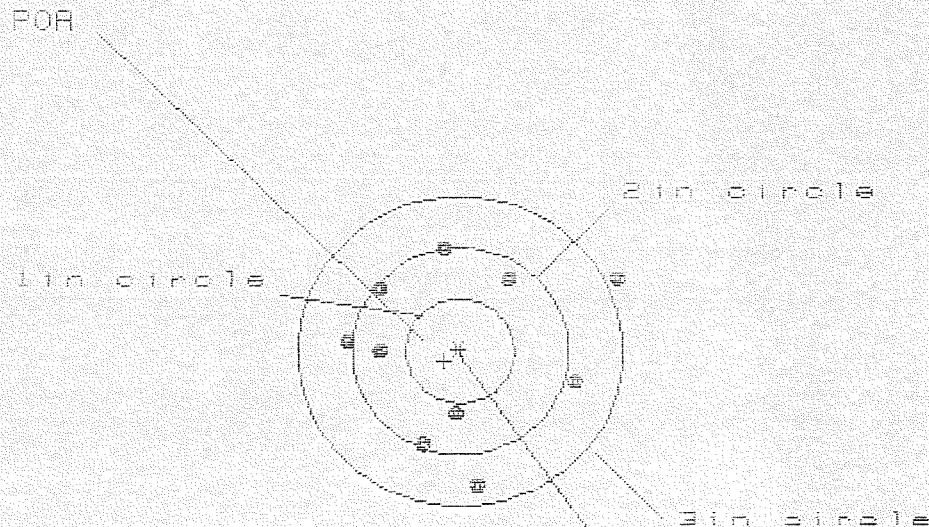
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0418
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.161
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .166338
THE RMS FOR THIS RIFLE IS: 1.023

C6348839

30 Aug 1985

FILE:/PATTERNING/CENTERFIRE_PATT/C6348839

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 9

HS= 2.445

VS= 2.244

GS= 2.521

CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.413	1.172	1.213
MINIMUM X	:	-1.032	-.875	-.834
MAXIMUM Y	:	.976	1.055	.906
MINIMUM Y	:	-1.268	-1.189	-.925
CENTROID X	:	.144	-.013	-.054
CENTROID Y	:	.096	.017	.166
POB TO CENTROID in.	:	.173	.021	.174
MIN RADIUS	:	.608	.534	.583
MEAN RADIUS	:	.997	.906	.853
MAX RADIUS	:	1.582	1.232	1.275
HORIZONTAL SPREAD	:	2.445	2.047	2.047
VERTICAL SPREAD	:	2.244	2.244	1.831
EXTREME SPREAD	:	2.521	2.260	2.090
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

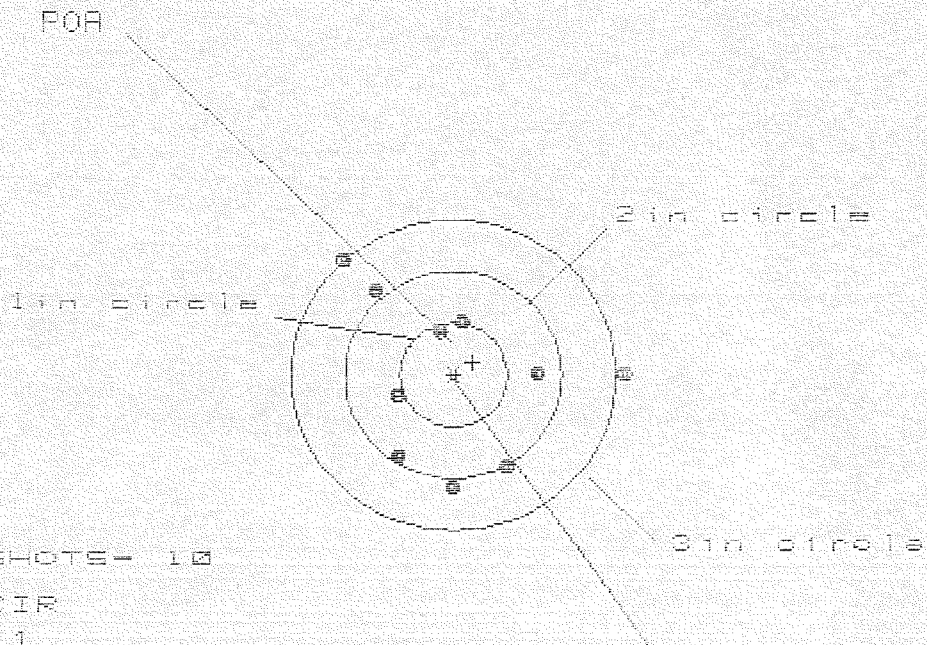
C6348839

30 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C5348839

CENTERFIRE PATTERNS

2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 2.554

VS= 2.125

GS= 2.766

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	9
MAXIMUM X	:	1.577	.955	.855
MINIMUM X	:	-.977	-.802	-.613
MAXIMUM Y	:	1.075	1.076	1.004
MINIMUM Y	:	-1.050	-1.049	-.914
CENTROID X	:	-.182	-.357	-.257
CENTROID Y	:	-.119	-.120	-.255
POA TO CENTROID in.	:	.218	.377	.362
MIN RADIUS	:	.437	.395	.470
MEAN RADIUS	:	.949	.862	.803
MAX RADIUS	:	1.577	1.342	1.176
HORIZONTAL SPREAD	:	2.554	1.757	1.468
VERTICAL SPREAD	:	2.125	2.125	1.918
EXTREME SPREAD	:	2.766	2.451	2.117
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

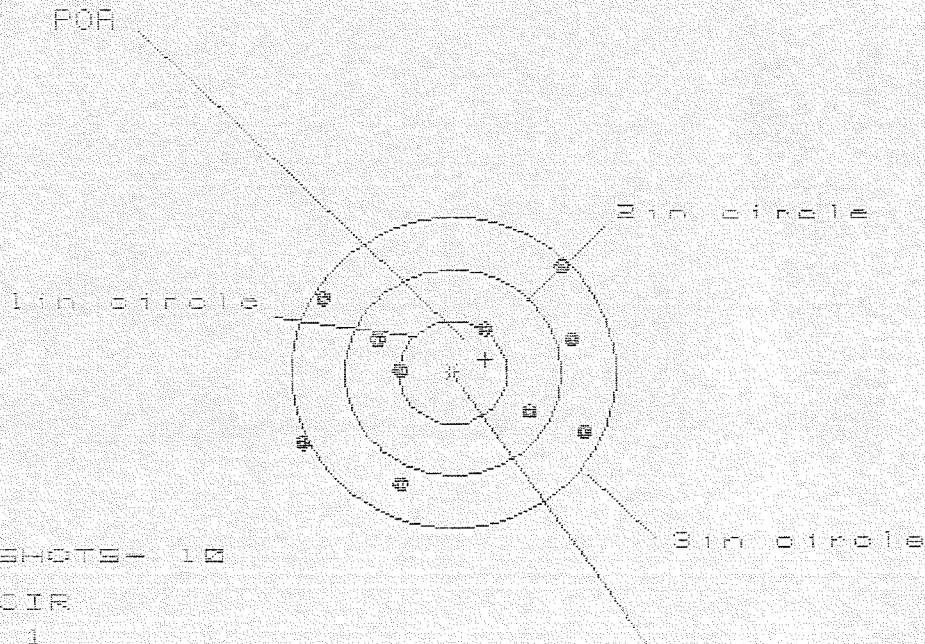
C6348839

30 Aug 1985

FILE:/PATTERNING/CENTERFIRE_PATT/C5348839

CENTERFIRE PATTERNS

3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 2.593

VS= 2.049

GS= 2.865

CENTROID *

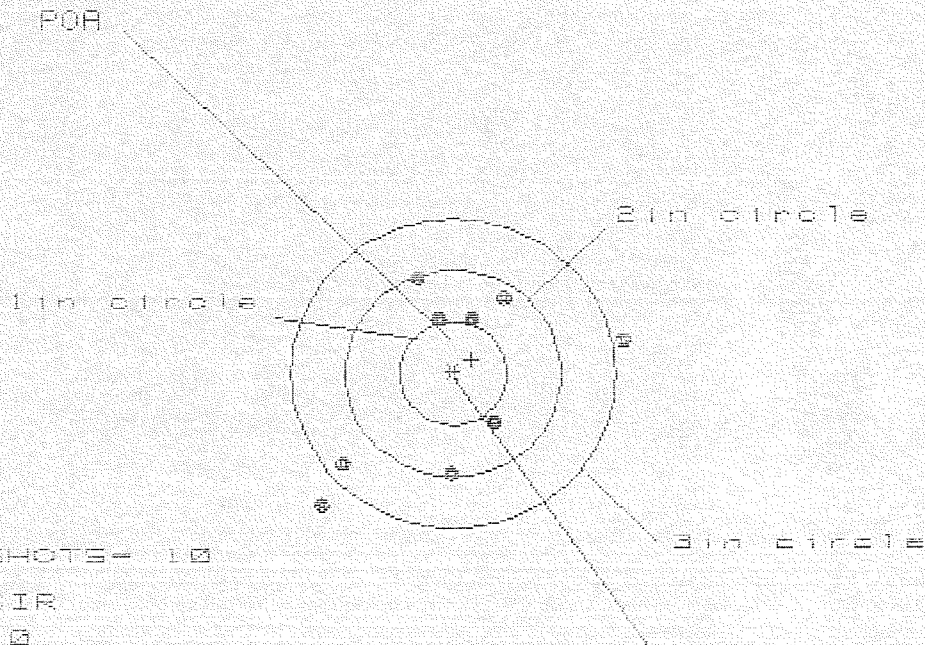
PATTERN #	1	3	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.243	1.093	.923
MINIMUM X	-1.350	-1.367	-1.043
MAXIMUM Y	.996	.920	1.006
MINIMUM Y	-1.053	-1.129	-1.042
CENTROID X	-.302	-.152	.018
CENTROID Y	-.124	-.048	-.135
POA TO CENTROID in.	.327	.160	.136
MIN RADIUS	.459	.321	.391
MEAN RADIUS	1.072	1.008	.929
MAX RADIUS	1.515	1.532	1.345
HORIZONTAL SPREAD	2.593	2.460	1.966
VERTICAL SPREAD	2.049	2.049	2.049
EXTREME SPREAD	2.865	2.817	2.538
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

C6348839

30 Aug 1985

FILE:/PATTERNING/CENTERFIRE_PATT/C6348839

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 7

3 in = 8

HS= 2.787

VS= 2.255

GS= 3.237

CENTROID *

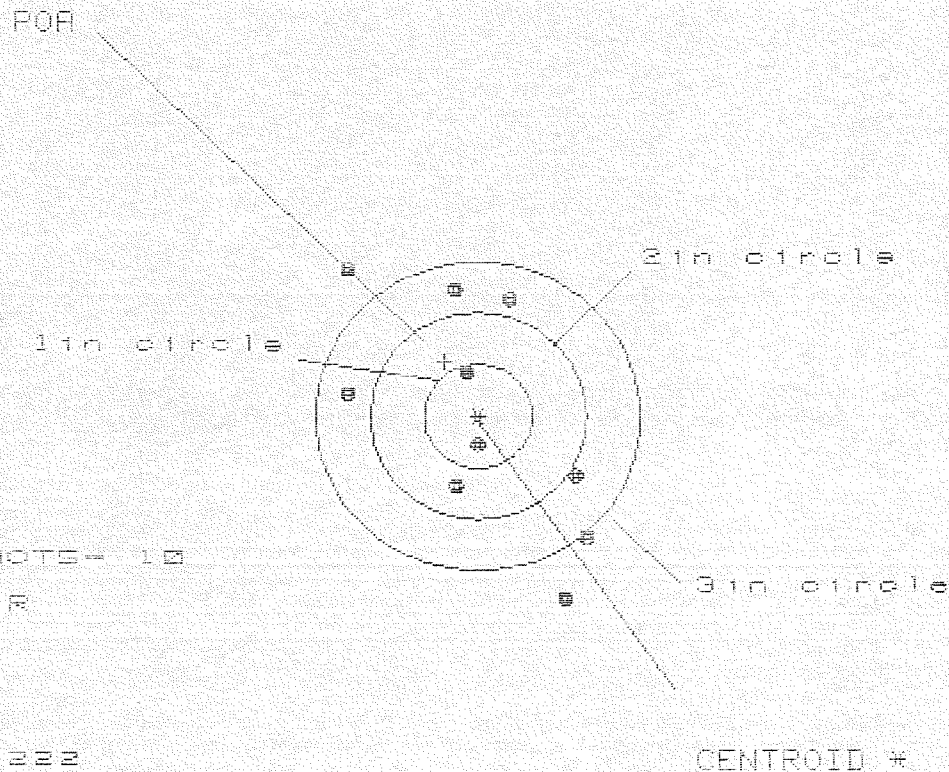
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.544	1.406	.516
MINIMUM X	:	-1.243	-1.176	-1.001
MAXIMUM Y	:	.942	.796	.920
MINIMUM Y	:	-1.313	-1.106	-1.082
CENTROID X	:	-.173	-.035	-.210
CENTROID Y	:	-.131	.015	-.009
POA TO CENTROID in.	:	.217	.038	.211
MIN RADIUS	:	.529	.348	.407
MEAN RADIUS	:	.972	.828	.763
MAX RADIUS	:	1.808	1.527	1.379
HORIZONTAL SPREAD	:	2.787	2.582	1.517
VERTICAL SPREAD	:	2.255	1.902	1.902
EXTREME SPREAD	:	3.237	2.831	2.150
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

CG348839

30 Aug 1985

FILE:/PATTERNING/CENTERFIRE_PATT/C5348839

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 2

2in = 3

3in = 7

HS = 2.222

VS = 3.136

GS = 3.672

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.030	1.113	.979
MINIMUM X	:	-1.192	-1.109	-1.244
MAXIMUM Y	:	1.402	1.210	1.147
MINIMUM Y	:	-1.734	-1.324	-1.173
CENTROID X	:	.304	.221	.355
CENTROID Y	:	-.527	-.335	-.486
POA TO CENTROID in.	:	.609	.401	.602
MIN RADIUS	:	.261	.207	.310
MEAN RADIUS	:	1.126	1.026	.946
MAX RADIUS	:	1.889	1.730	1.528
HORIZONTAL SPREAD	:	2.222	2.222	2.222
VERTICAL SPREAD	:	3.136	2.534	2.320
EXTREME SPREAD	:	3.672	3.349	2.637
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	