

C6348811	
MODEL 700™ M24	
Model	SMS™
Action	
Barrel Length	
Capacity	
Order No.	5715
*Includes 1 in chamber.	
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: RE00169253

Serial: C6348811 Model: M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 6/8/2009 11:24:26 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: B CO 2/7

B CO 2/7

Address 1: SFG (A)

SFG (A)

Address 2:

PO Box:

SFG (A)

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: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition

Notes:

CSR

Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A057	Fit and Rear Sgt Base	1
D000	MARS RAIL	1

Repair Search

Refresh

Close

naglej

6/8/2009

12:04 PM

DAPS

NUM

INS

SCRL



Serial Number:

C6348811

Model: M24 SWS



RE00169253

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007.

OPERATION #	OPERATION NAME	DATE	INITIAL
R & E NUMBER	169253		
SERIAL NUMBER	C6348811		
LOG-IN DATE	6-8-09		
500	DIS-ASSEMBLE GUN	6-9-09	RTZ
505	RE-BARREL	6-11-09	RTZ
420	ASSEMBLE	6-11-09	RTZ
440	PROOF	6-11-09	SP
460	CHECK HEADSPACE	6-11-09	SP
470	DIS-ASSEMBLE GUN	6-11-09	SP
480	MAGNAFLUX	6-13-09	SP
510	DRILL AND TAP	6-12-09	SP
500	ROLLMARK CALIBER	6-16-09	RTZ
520	GOFF BLAST BBL / REC	6-16-09	RTZ
530 & 540	APPLY COATINGS	6-17-09	RTZ
560	FINAL ASSEMBLY	6-18-09	RTZ
640	FUNCTION TEST AND	6-22-09	RB
650	TARGET	6-22-09	RB
	MALFUNCTION	CORRECTION	6-22-09
	MALFUNCTION	CORRECTION	6-22-09
	MALFUNCTION	CORRECTION	6-22-09
	MALFUNCTION	CORRECTION	6-22-09
670	FINAL INSPECTION		
	A) HEADSPACE	PASS	6-23-09
	B) TRIGGER PULL	2.54 2.58 2.60 2.70 2.62	6-22-09
680	F) SAFETY ON FORCE	5.0 5.0 5.0	6-23-09
	G) SAFETY OFF FORCE	6.0 6.0 6.0	6-23-09
	I) FIRING PIN INDENT	.021 .021 .021	6-23-09
690	PACK		6-23-09

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348811.__0

FILE DATE AND TIME: 06/22/2009 15:01

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.112
The Average Y Centroid of the Five Target Set:	0.014
The Average Point of Impact of the Five Target Set:	0.113
The Average Mean Radius of the Five Target Set:	0.504
The Distance from POA to Centroid Target #1:	0.252
The Distance from Centroid Target #2 to Centroid Target #1:	0.227
The Distance from Centroid Target #3 to Centroid Target #1:	0.098
The Distance from Centroid Target #4 to Centroid Target #1:	0.355
The Distance from Centroid Target #5 to Centroid Target #1:	0.257

BARBER - M24 0064713

SERIAL NUMBER: C6348811. __0

TARGET NUMBER: 1

FILE DATE: 06/22/2009

FILE TIME: 15:01

POINT#	X	Y
1:	0.096	0.628
2:	-1.555	0.614
3:	-0.523	0.503
4:	-0.329	0.393
5:	-0.207	0.140
6:	-0.753	-0.034
7:	-0.217	-0.351
8:	0.108	-0.158
9:	0.643	-0.342
10:	0.599	-0.054

X CENTROID: -0.214

Y CENTROID: 0.134

POA TO CENTROID: 0.252

HORZ SPREAD: 2.198

VERT SPREAD: 0.979

GROUP SPREAD: 2.397

MIN RADIUS: 0.009

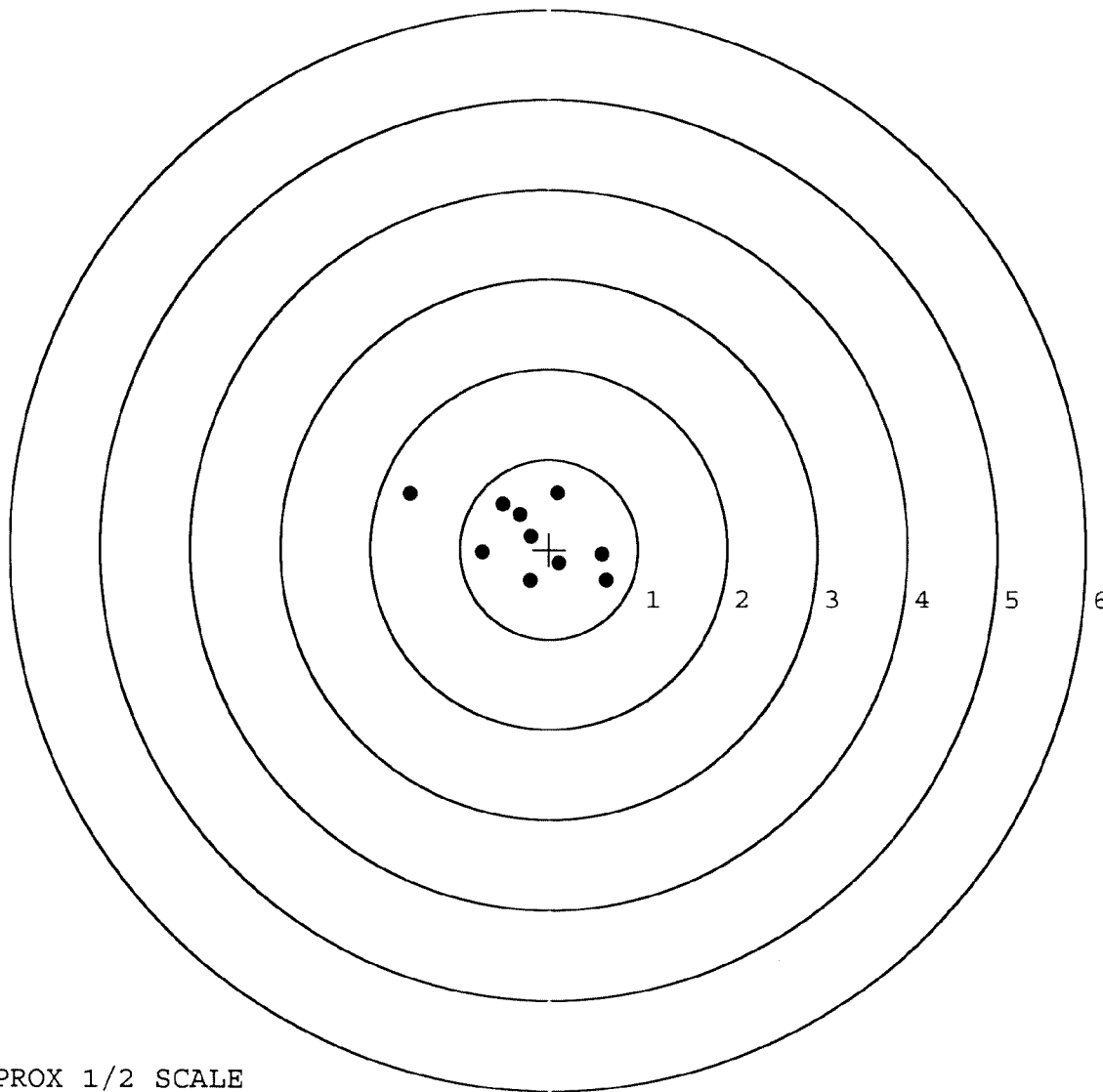
MAX RADIUS: 1.425

MEAN RADIUS: 0.608

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348811. __0

TARGET NUMBER: 2

FILE DATE: 06/22/2009

FILE TIME: 15:01

POINT#	X	Y
1:	0.598	-0.638
2:	0.370	0.000
3:	0.210	-0.537
4:	-0.355	0.283
5:	-0.794	-0.077
6:	-0.275	-0.192
7:	-0.099	-0.273
8:	-0.094	-0.026
9:	-0.211	-0.033
10:	-0.166	-0.090

X CENTROID: -0.082

Y CENTROID: -0.051

POA TO CENTROID: 0.096

HORZ SPREAD: 1.392

VERT SPREAD: 1.175

GROUP SPREAD: 1.501

MIN RADIUS: 0.028

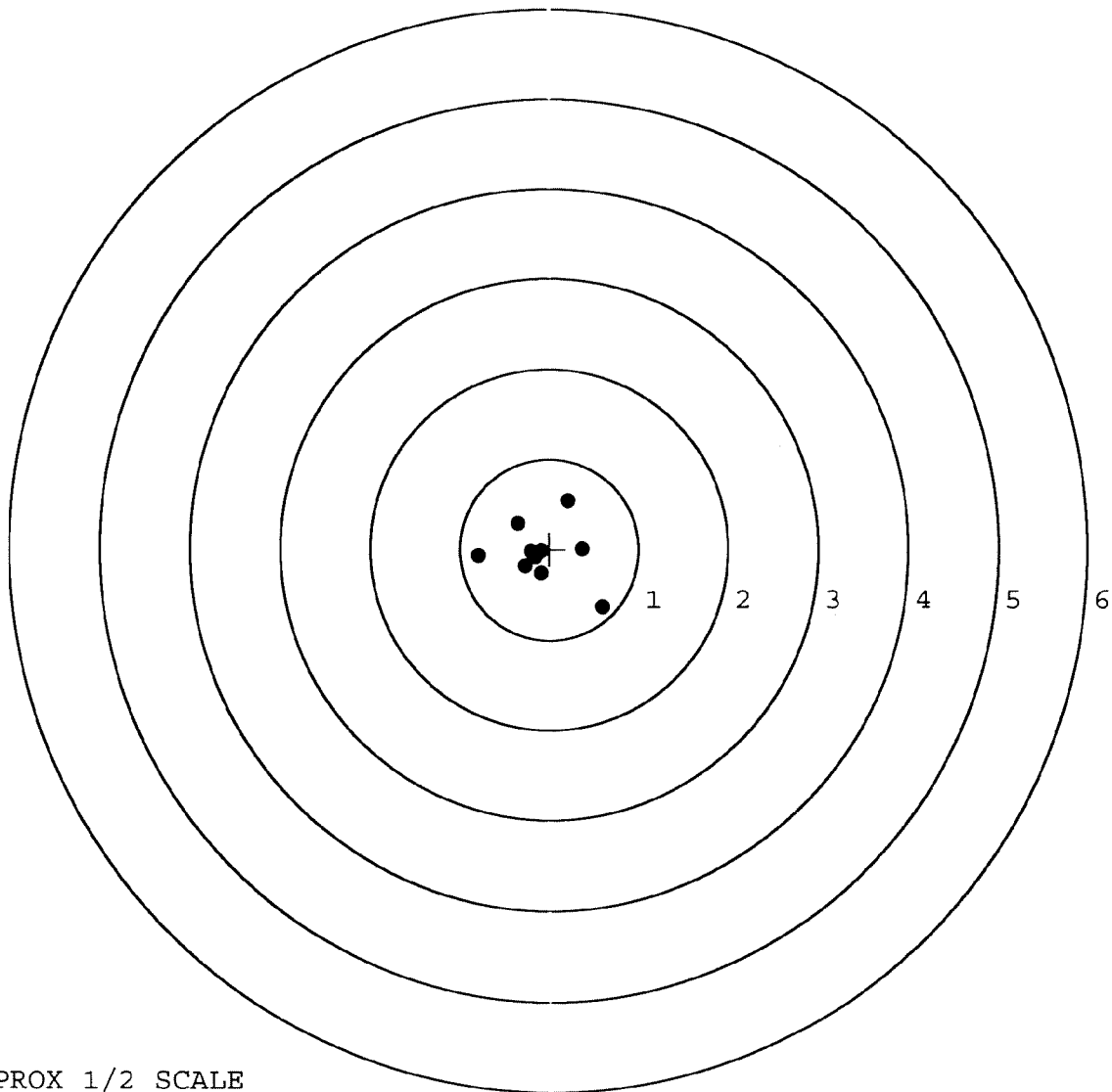
MAX RADIUS: 0.898

MEAN RADIUS: 0.387

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



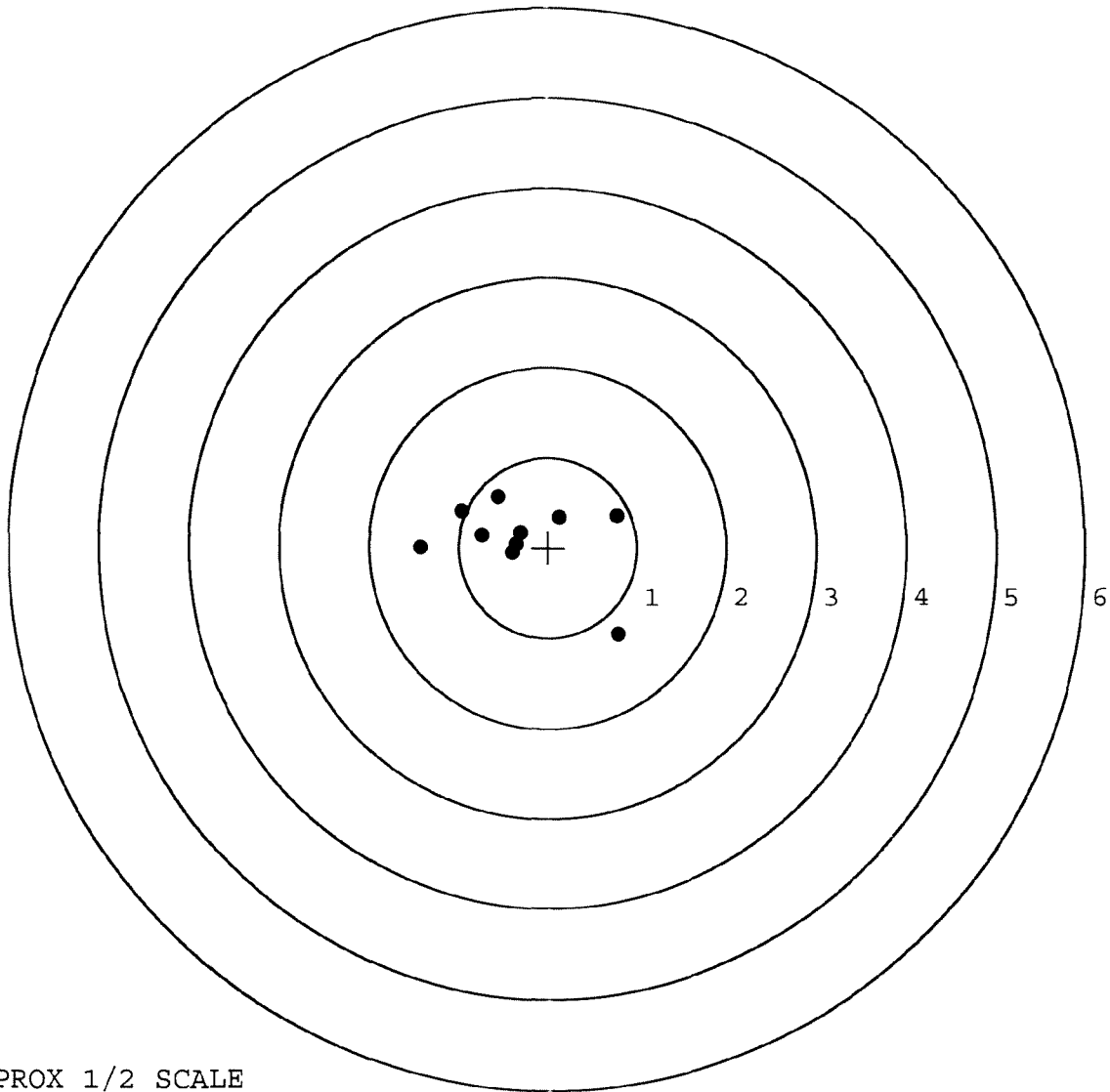
TARGET APPROX 1/2 SCALE

BARBER - M24 0064715

SERIAL NUMBER: C6348811. __0
 TARGET NUMBER: 3
 FILE DATE: 06/22/2009
 FILE TIME: 15:01

POINT#	X	Y
1:	0.786	0.356
2:	0.792	-0.964
3:	0.139	0.339
4:	-0.559	0.572
5:	-0.965	0.409
6:	-1.433	0.000
7:	-0.745	0.145
8:	-0.403	-0.057
9:	-0.366	0.045
10:	-0.311	0.172

X CENTROID: -0.307
 Y CENTROID: 0.102
 POA TO CENTROID: 0.323
 HORZ SPREAD: 2.225
 VERT SPREAD: 1.536
 GROUP SPREAD: 2.425
 MIN RADIUS: 0.070
 MAX RADIUS: 1.530
 MEAN RADIUS: 0.633
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348811. __0

TARGET NUMBER: 4

FILE DATE: 06/22/2009

FILE TIME: 15:01

POINT#	X	Y
1:	-0.919	0.310
2:	-0.337	0.272
3:	-0.565	-0.180
4:	-0.136	-0.140
5:	0.746	-1.257
6:	0.509	-0.531
7:	0.287	-0.173
8:	0.296	0.046
9:	0.201	0.244
10:	0.228	0.179

X CENTROID: 0.031

Y CENTROID: -0.123

POA TO CENTROID: 0.127

HORZ SPREAD: 1.665

VERT SPREAD: 1.567

GROUP SPREAD: 2.286

MIN RADIUS: 0.168

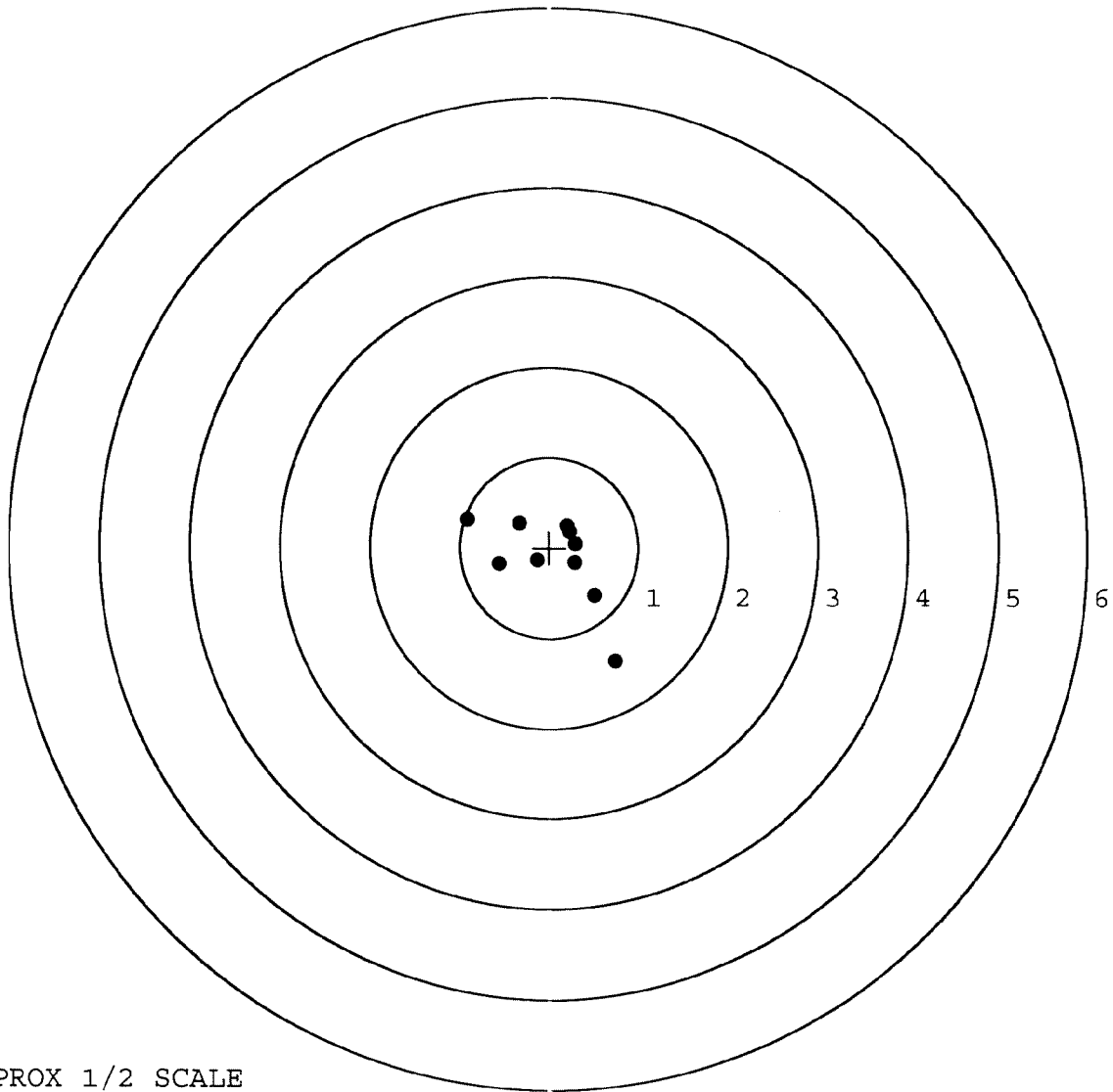
MAX RADIUS: 1.341

MEAN RADIUS: 0.566

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0064717

SERIAL NUMBER: C6348811. __0

TARGET NUMBER: 5

FILE DATE: 06/22/2009

FILE TIME: 15:01

POINT#	X	Y
1:	-0.247	0.493
2:	-0.427	0.207
3:	0.226	0.289
4:	0.535	-0.251
5:	0.143	-0.477
6:	0.122	-0.151
7:	-0.117	-0.203
8:	-0.134	-0.016
9:	0.015	0.096
10:	-0.014	0.100

X CENTROID: 0.010

Y CENTROID: 0.009

POA TO CENTROID: 0.013

HORZ SPREAD: 0.962

VERT SPREAD: 0.970

GROUP SPREAD: 1.079

MIN RADIUS: 0.087

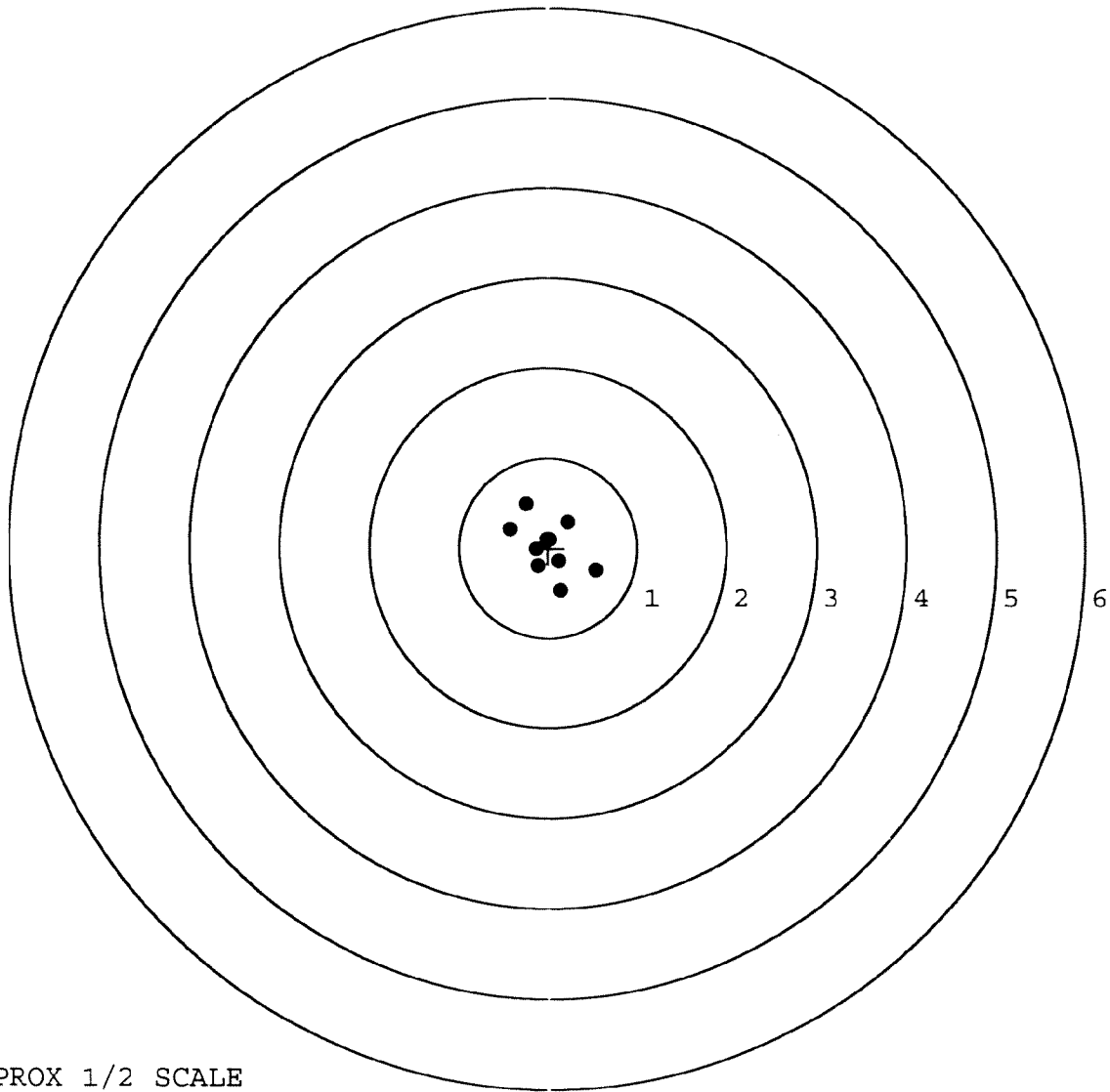
MAX RADIUS: 0.586

MEAN RADIUS: 0.324

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

RECEIVING AND ESTIMATING REPORT

COMMENTS

R 96-13388 ORDER

M24

INITIAL FPS CUSTOMER ORDER NO.
11348

DATE RECEIVED 05/30/96	DATE OPENED 05/30/96	DATE CODE PJ 6-89	SERIAL NUMBER C6345811	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62	NATO
ACCESSORIES W/STUDS SCOPE BASE						

FROM:

DEPT OF THE ARMS
HSC, 2ND. BN 7TH SFG (A)
FT BRAGG NC 28307

SHIP TO:

DEPT OF THE ARMS
HSC, 2ND. BN 7TH SFG (A)
FT BRAGG NC
28307

CUST NO: 143691 C.O.D.

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

COMMENTS

Barrel - 96003
Mag Spring - 15677

Repower Coat Trigger Guard Assy,
Front & Rear Sight Bases
Re-Zinc Scope Base & Swivel
Studs

REPAIRMAN RW	PROOF RW	CLEAN ✓	TEST A	TARGET A	PATTERN
GALLERY TESTER A	DATE 6/6/96	DATE 6/18/96	DATE 6/18/96	DATE 6/18/96	DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0064798

M240064757

PAYMENT:
Mastercard / Visa *(circle one)*

Card #: _____

Exp. Date: _____

Signature: _____

RETURN:

- ☐ Clark Street Entrance
☐ Via US Mail or UPS

(PLEASE PRINT CLEARLY)

FIREARMS DELIVERED TO PLANTFILE NY 011348DATE 05-29-96CUSTOMER NAME: CONAN PROTRONADDRESS: PT. ARAGUAY, N.J.

ZIP: _____

PHONE: _____

FIREARM

MODEL: M24CHECK FOR AMMUNITION ☒GAUGE: 308SERIAL # 21348

CONDITION:

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: _____

SIGNATURE: [Signature]
(Person delivering firearm to Plant)DATE: 29 MAY 96SIGNATURE: [Signature]
(Security Officer)DATE: 31 MAY 96SIGNATURE: [Signature]
(Firearm picked up by)DATE: 5/31/96

Arm Service Copy

MAINTENANCE REQUEST				PAGE NO.	NO. OF PAGES	REQUIREMENTS CONTROL SYMBOL			
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG						CSGLD - 1047(R1)			
SECTION I - EQUIPMENT DATA									
CONTROL NUMBER		WORK ORDER NO.		WESDC		ORG. PD		PD AUTHENTICATION	
				02				<i>[Signature]</i>	
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION HSC, 2/75FG(A) FT. BRAGG, NC 28307		B. LOCATION BLDG E-3928 FT. BRAGG, NC 28307		C. UNIT IDENT CODE WH00DO			
2. SERIAL NO. C6348811		3. NOUN NOMENCLATURE RIFLE, SNIPER		4. LINE NO.		5. MODEL M24		6. NATIONAL STOCK NUMBER 1005-240-2136	
7A. MAINTENANCE ACTIVITY		B. LEVEL DEPOT		8. UTILIZATION CODE		9A. MCSR ITEM		9B. ERC B	
						9C. PACING ITEM		10. HOURS	
								11. MILES	
								12. ROUNDS 9470	
								13. STARTS	
14. FAILURE DETECTED DURING (Select one - use ☒ or X)					15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)				
☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight					☐ 058 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment				
☐ B Handling ☒ D Normal Op ☐ F Inspection ☐ H Other					☐ 008 Noisy ☐ 387 Low Performance ☒ Other				
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs)									
DUE TO THE NUMBER OF ROUNDS FIRED, THE BARREL NEEDS REPLACED									
B. REMARKS REBARREL AND RETURN REQUESTED. POC IS CPT. BURNS AT (910) 432-5208									
PREPARATION INSTRUCTIONS (Prior to using this form, read DA PAM 738-750 for detailed preparation instructions)									
1. Place a "✓" or an "X" in the box for the type of action required. 2. Enter the WESDC if the item is Materiel Condition Status Reportable. 3. Enter the priority designator as determined from the urgency of need and force activity designator. 4. The Unit Commander, Chief of TDA activity or their designated representative will authenticate, by signature, a priority of 01 through 08. 5. Block 1A. Enter the name of the organization submitting the request. 6. Block 1B. Enter the unit submitting the request; units overseas enter APO only. 7. Block 1C. Enter the unit identification code of the unit in block 1A. 8. Block 2. Enter the equipment serial number. For ammunition, enter the lot number. For administrative-use vehicles, enter the USA registration number. 9. Block 3. Enter the noun abbreviation of the item. 10. Block 4. Enter the item line number, if applicable. 11. Block 5. Enter the model number. 12. Block 6. Enter the National Stock Number of the item listed in Block 3. 13. Block 7. Enter the name of the support activity. 14. Block 7A. Enter the symbol of the maintenance category (O, F, H, D, or L). 15. Block 8. Enter the utilization code. 16. Block 9A. Enter the word "yes" if the item is Materiel Condition Status Reportable. 17. Block 9B. Enter the equipment readiness code, if applicable. 18. Block 9C. Enter the word "yes" if the item is a pacing item. 19. Block 10. Enter the hour reading, if applicable. 20. Block 11. Enter the mileage from the odometer, if applicable. 21. Block 12. Enter the total rounds fired, if applicable. 22. Block 13. For turbine engines, enter the number of hot starts. 23. Block 14. Enter a "✓" or "X" in the proper block. 24. Block 15. Enter a "✓" or "X" in the proper block. 25. Block 16. Describe briefly the fault or symptoms needing correction.									
23. SUBMITTED BY		24. RECEIVED BY							
JULIAN DATE		JULIAN DATE							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348811
17 Apr 1900

CENTROIDAL DISTANCES

0 TO	1	.229316
1 TO	2	.21
1 TO	3	.347432
1 TO	4	.655234
1 TO	5	.514503

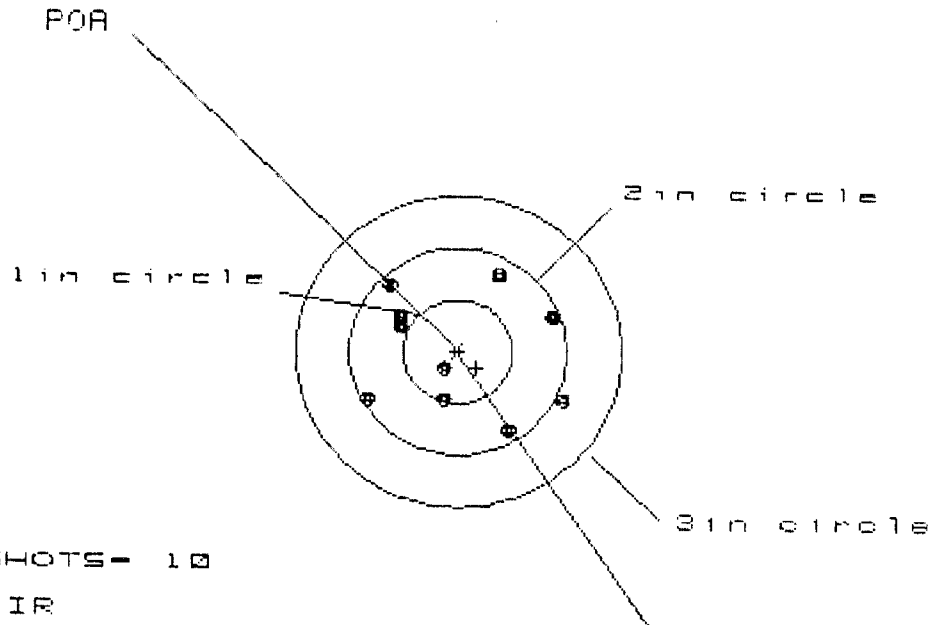
$\frac{235}{4}$ <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1292
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .192
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .231423
THE AMP FOR THIS RIFLE IS: .975

17 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06346811

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 9

3 in - 10

HS- 1.742

VS- 1.463

GS- 1.928

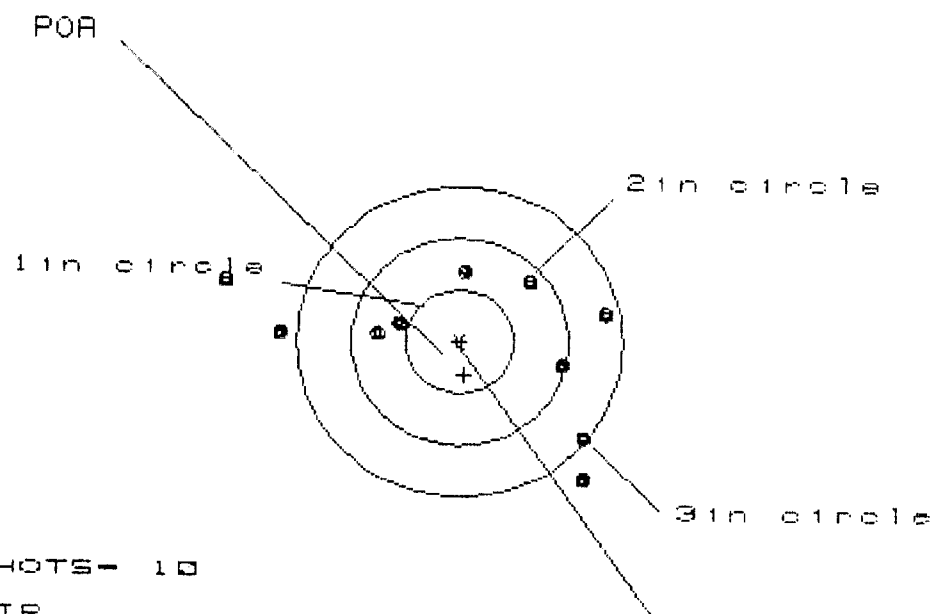
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.952	.992	.741
MINIMUM X	-.798	-.684	-.568
MAXIMUM Y	.740	.686	.719
MINIMUM Y	-.723	-.777	-.744
CENTROID X	-.169	-.275	-.399
CENTROID Y	.155	.209	.177
POA TO CENTROID in.	.229	.346	.436
MIN RADIUS	.201	.223	.226
MEAN RADIUS	.741	.687	.619
MAX RADIUS	1.072	1.026	1.050
HORIZONTAL SPREAD	1.742	1.676	1.301
VERTICAL SPREAD	1.463	1.463	1.463
EXTREME SPREAD	1.928	1.830	1.752
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	9		
NUMBER IN THREE INCH CIRCLE =	10		

17 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6348811

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 7

HS= 3.481

VS= 1.972

GS= 3.778

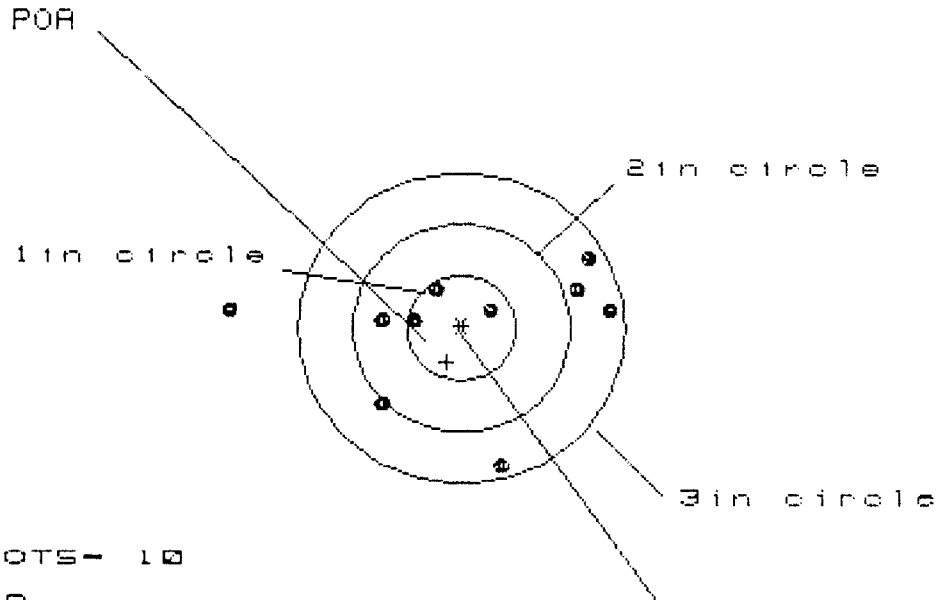
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.347	1.110	1.224
MINIMUM X	:	-2.134	-1.908	-1.794
MAXIMUM Y	:	.689	.754	.602
MINIMUM Y	:	-1.283	-1.218	-1.027
CENTROID X	:	-.043	.194	.080
CENTROID Y	:	.323	.258	.410
POA TO CENTROID in.	:	.325	.323	.418
MIN RADIUS	:	.619	.695	.610
MEAN RADIUS	:	1.232	1.106	1.031
MAX RADIUS	:	2.212	1.913	1.794
HORIZONTAL SPREAD	:	3.481	3.018	3.018
VERTICAL SPREAD	:	1.972	1.972	1.629
EXTREME SPREAD	:	3.778	3.132	3.023
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

17 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6348811

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 4

3in = 9

HS= 3.431

VS= 2.010

GS= 3.431

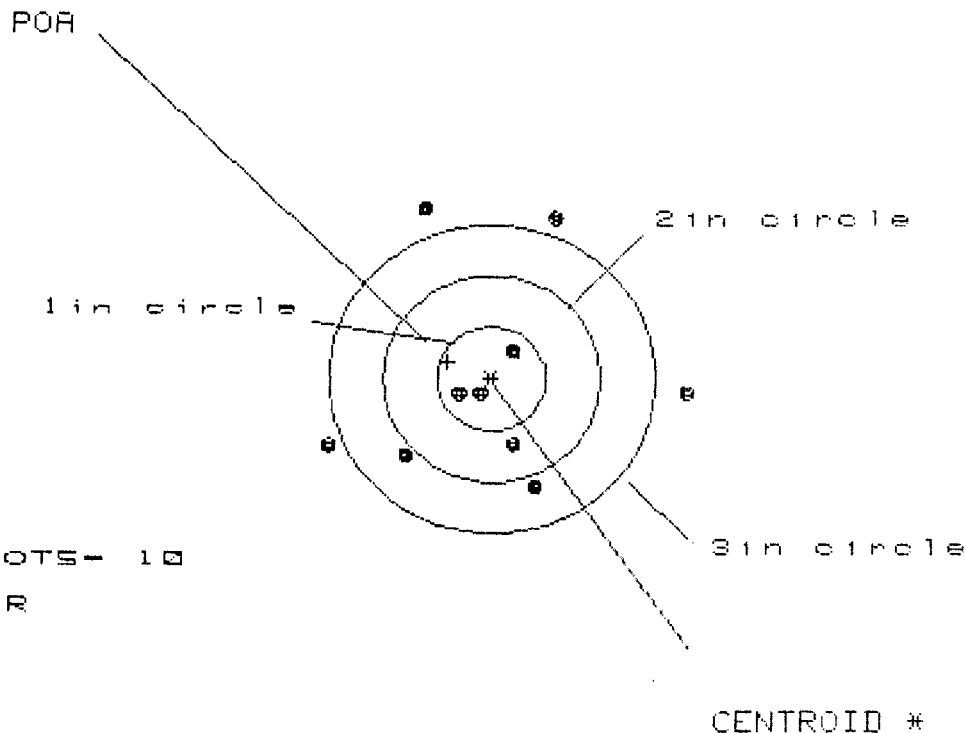
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.318	1.084	1.104
MINIMUM X	:	-2.113	-.972	-.952
MAXIMUM Y	:	.667	.691	.526
MINIMUM Y	:	-1.343	-1.319	-.883
CENTROID X	:	.134	.368	.348
CENTROID Y	:	.325	.301	.466
POA TO CENTROID in.	:	.351	.476	.582
MIN RADIUS	:	.334	.180	.088
MEAN RADIUS	:	1.028	.903	.817
MAX RADIUS	:	2.124	1.329	1.275
HORIZONTAL SPREAD	:	3.431	2.056	2.056
VERTICAL SPREAD	:	2.010	2.010	1.409
EXTREME SPREAD	:	3.431	2.358	2.358
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

17 Apr 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C6346811

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 4

3 in = 6

HS= 3.295

VS= 2.726

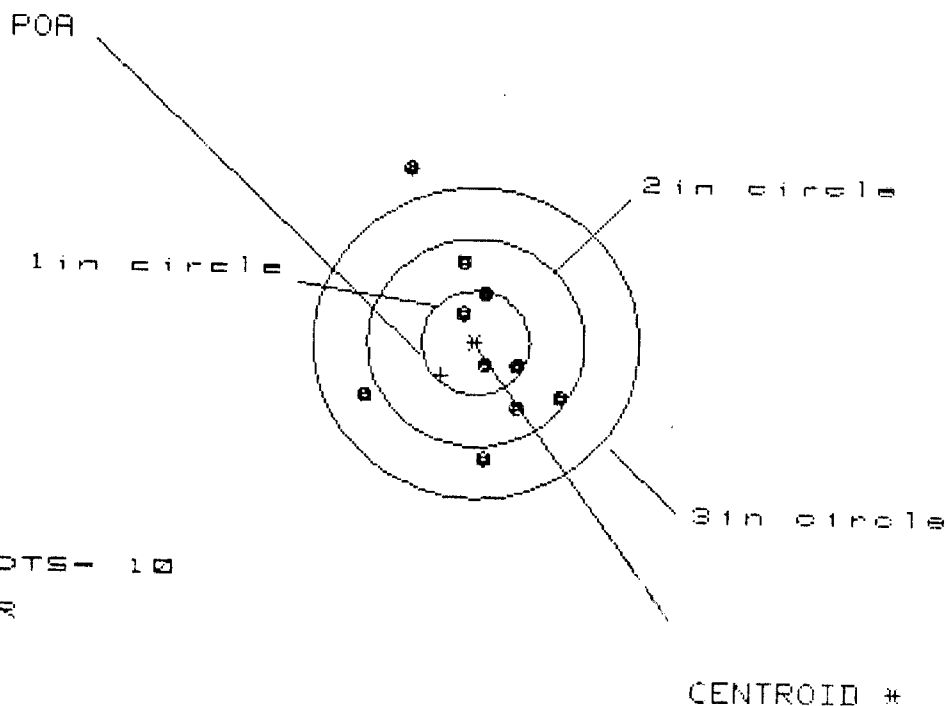
CS= 3.335

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.838	.807	.756
MINIMUM X	:	-1.457	-1.253	-1.304
MAXIMUM Y	:	1.683	1.670	1.729
MINIMUM Y	:	-1.043	-1.056	-.847
CENTROID X	:	.405	.201	.252
CENTROID Y	:	-.161	-.148	-.357
POA TO CENTROID in.	:	.436	.250	.436
MIN RADIUS	:	.195	.204	.091
MEAN RADIUS	:	1.076	.981	.835
MAX RADIUS	:	1.842	1.721	1.887
HORIZONTAL SPREAD	:	3.295	2.060	2.060
VERTICAL SPREAD	:	2.726	2.726	2.576
EXTREME SPREAD	:	3.335	2.989	2.989
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			6	

17 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6346811

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 7

3 in = 9

HS= 1.823

VS= 2.766

GS= 2.854

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.810
MINIMUM X	-1.013
MAXIMUM Y	1.669
MINIMUM Y	-1.097
CENTROID X	.319
CENTROID Y	.318
POA TO CENTROID in.	.450
MIN RADIUS	.267
MEAN RADIUS	.798
MAX RADIUS	1.795
HORIZONTAL SPREAD	1.823
VERTICAL SPREAD	2.766
EXTREME SPREAD	2.854
NUMBER IN ONE INCH CIRCLE =	4
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	9

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

Barrel

R&E NO.

SERIAL NO. C6348811

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	6/6/96	LW
605	CHECK HEADSPACE	6/6/96	RW
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	6/18/96	ABV
655	FINAL INSPECT	6/20/96	RW
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: 06348811

DATE REC'D: 5/30/96

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:

Remington		DU PONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700TM H24		SERIAL NO. C6348811	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.			
 5716 C6348811			

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # 06348811

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 21	89	RW
600	Proof	7 21	89	RW
607	Check Headspace	7 21	89	RW
610	Dis-assemble Gun		93	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
7	Drill and Tap Sight Holes		7/30/89	WC
618	Polish Barrel Rob		7/31/89	WB
620	Apply Coatings (Barrel Action)		7/28/89	TA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		8/7/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/7/89	RW
	C) Inspect Ejector Hole for Chamfer		8/7/89	RW
	D) Oil Firing Pin Ass'y		8/7/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10 Aug 89	JS

op. #	BARBER M24 0064731	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			10 Aug 89	JS
	G) Safety Off Force	3	3	3			10 Aug 89	JS
	H) Trigger Pull Test & Retainability						10 Aug 89	JS
	I) Firing Pin Indent	.021	.021	.021			10 Aug 89	JS
	J) Assemble Stock						8/10/89	RW
	K) Assemble Swivel Studs						18 Aug 89	JS
	L) Attach Front and Rear Sight Assemblies						8/10/89	RW
	M) Iron Sight Alignment						8/10/89	RW
	N) Detach Front & Rear Sights & place in numbered container						8/10/89	RW
	O) Attach Scope to Rifle						8/14/89	JS
	P) Detach & Attach Scope 20 Times						8/15/89	JS
640	Gallery Target & Test	774 R	776				8-17-89	
	A) Time						8-17-89	
	B) Malfunctions						8-17-89	
	C) Pierced Primers						8-17-89	
	D) Optical Clarity of Scope						8-17-89	
645	Inspect for Live Ammo						8-17-89	
655	Final Inspection							
	A) Headspace						18 Aug 89	JS
	B) Trigger Pull	2.64	2.81	2.64	2.54	2.65	18 Aug 89	JS
	C) Function						18 Aug 89	JS
660	Pack						20 Sept 89	JS

Repacked stock at front swivel
9/13/89

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 8811

DATE _____

TESTER _____

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.35	2.39	2.44	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.29	2.44	2.49	
PULL #3	2.29	2.46	2.39	
PULL #4	2.37	2.32	2.37	
PULL #5	2.37	2.44	2.49	
TOTAL	11.67	12.05	12.18	
AVG.	2.33	2.41	2.43	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.15	3.17	
PULL #2	3.14	3.14	
PULL #3	3.16	3.09	
PULL #4	3.12	3.20	
PULL #5	3.12	3.02	
TOTAL	15.69	15.62	
AVG.	3.13	3.12	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.14	4.14		
PULL #2	4.05	4.10		
PULL #3	4.12	4.07		
PULL #4	4.07	4.02		
PULL #5	4.09	4.11		
TOTAL	20.47	20.44		
AVG.	4.09	4.08		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348811
18 Aug 1989

CENTROIDAL DISTANCES

Ø TO	1	.967657
1 TO	2	.646413
1 TO	3	1.46277
1 TO	4	1.33718
1 TO	5	1.51845

5
3 +2 L (----POR
4

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .017
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1374
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .138448
THE AMP FOR THIS RIFLE IS: .9276

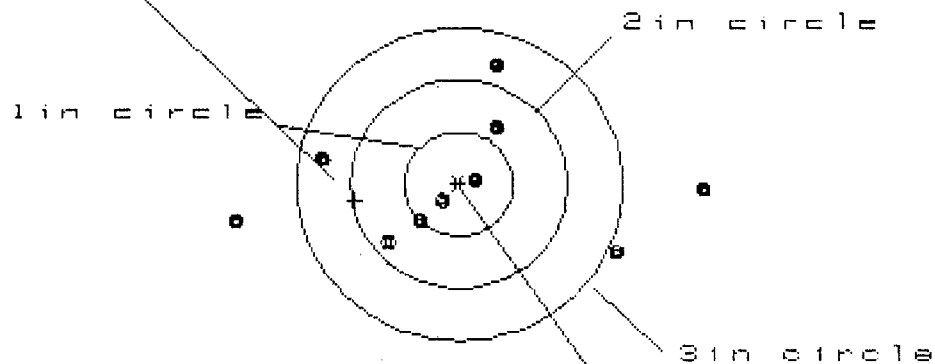
18 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6346811

CENTERFIRE PATTERNS

1

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 3

CENTROID #

HS= 4.267

VS= 1.759

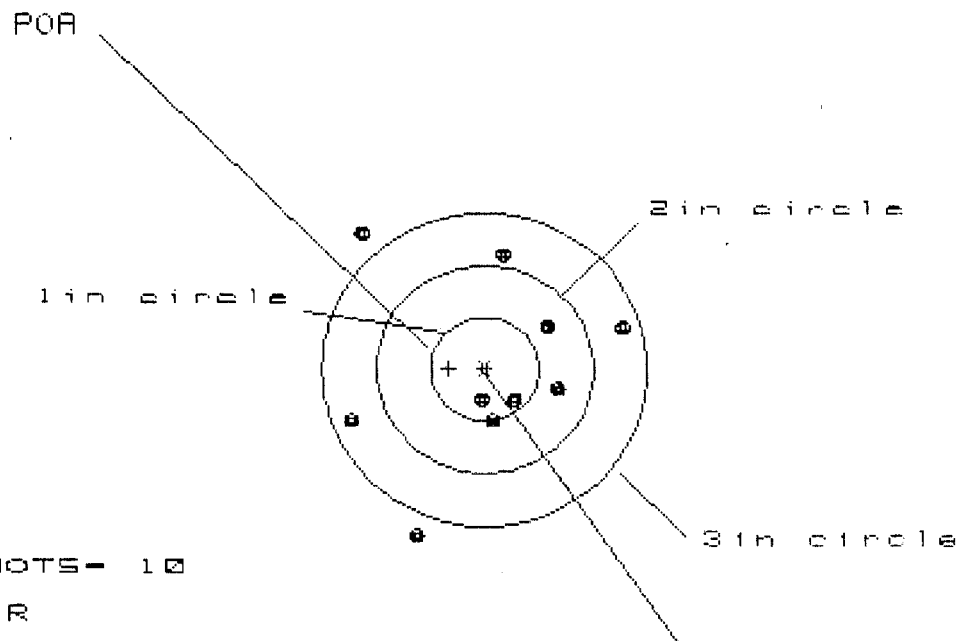
GS= 4.277

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.228	1.643	1.419
MINIMUM X	-2.039	-1.791	-1.228
MAXIMUM Y	1.111	1.110	1.071
MINIMUM Y	-.648	-.649	-.688
CENTROID X	.955	.707	.931
CENTROID Y	.156	.157	.196
POA TO CENTROID in.	.967	.724	.951
MIN RADIUS	.198	.138	.210
MEAN RADIUS	1.073	.926	.804
MAX RADIUS	2.228	1.818	1.577
HORIZONTAL SPREAD	4.267	3.434	2.647
VERTICAL SPREAD	1.759	1.759	1.759
EXTREME SPREAD	4.277	3.450	2.793
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

18 Aug 1989

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CENTERFIRE PATTERNS # 2.



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

CENTROID #

HS= 2.517

VS= 2.889

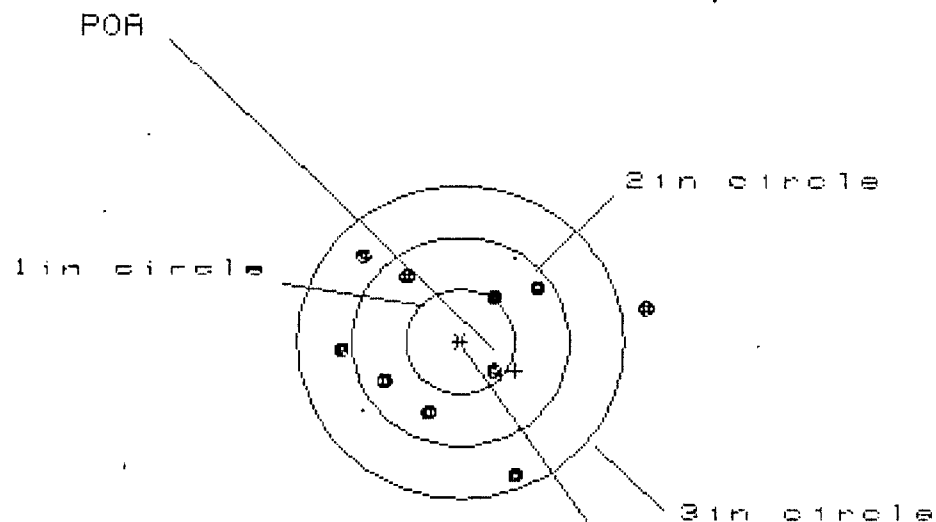
GS= 2.932

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.244	1.178	1.034
MINIMUM X	:	-1.273	-1.339	-1.483
MAXIMUM Y	:	1.282	1.103	1.051
MINIMUM Y	:	-1.607	-.643	-.505
CENTROID X	:	.330	.396	.540
CENTROID Y	:	-.009	.170	.032
POA TO CENTROID in.	:	.330	.430	.541
MIN RADIUS	:	.260	.446	.365
MEAN RADIUS	:	.974	.900	.756
MAI RADIUS	:	1.713	1.598	1.567
HORIZONTAL SPREAD	:	2.517	2.517	2.517
VERTICAL SPREAD	:	2.889	1.746	1.556
EXTREME SPREAD	:	2.932	2.679	2.679
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

18 Aug 1989

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS = 2.807

VS = 2.078

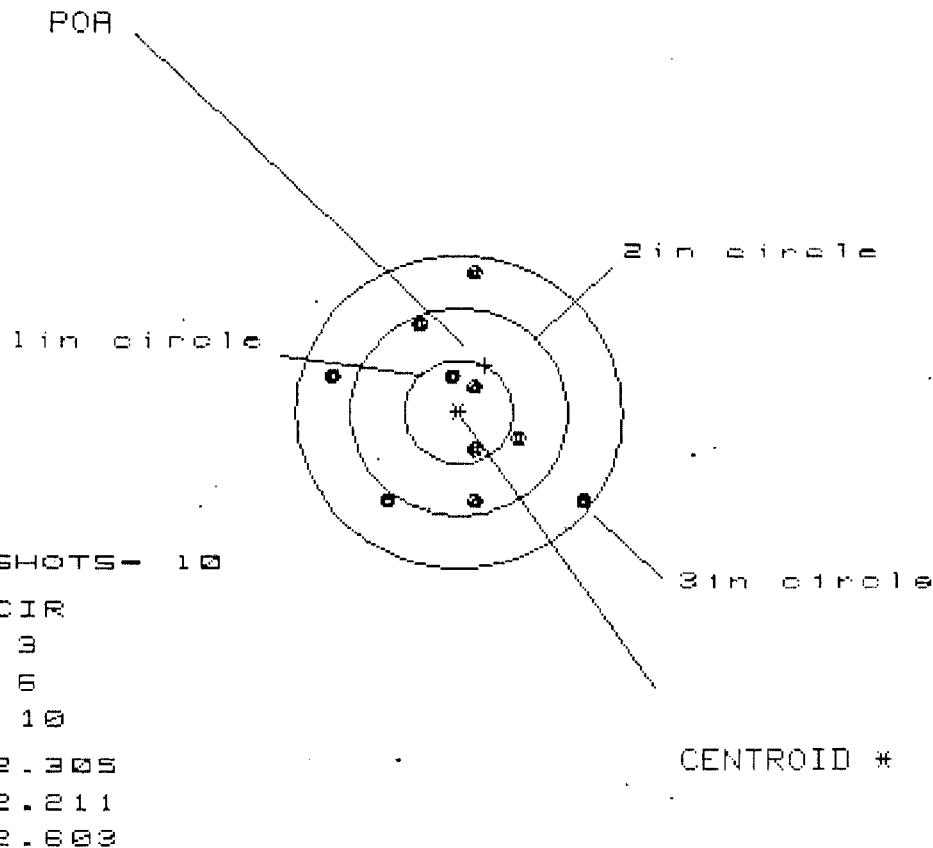
GS = 2.834

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.694	1.930	1.018
MINIMUM X	-1.113	-.924	-.837
MAXIMUM Y	.805	.837	.682
MINIMUM Y	-1.273	-1.241	-.778
CENTROID X	-.503	-.692	-.779
CENTROID Y	.274	.242	.397
POA TO CENTROID in.	.573	.733	.875
MIN RADIUS	.409	.536	.571
MEAN RADIUS	.952	.851	.769
MAX. RADIUS	1.719	1.426	1.094
HORIZONTAL SPREAD	2.807	1.854	1.854
VERTICAL SPREAD	2.078	2.078	1.460
EXTREME SPREAD	2.834	2.499	1.957
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	9	

18 Aug 1989

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CENTERFIRE PATTERNS # 4

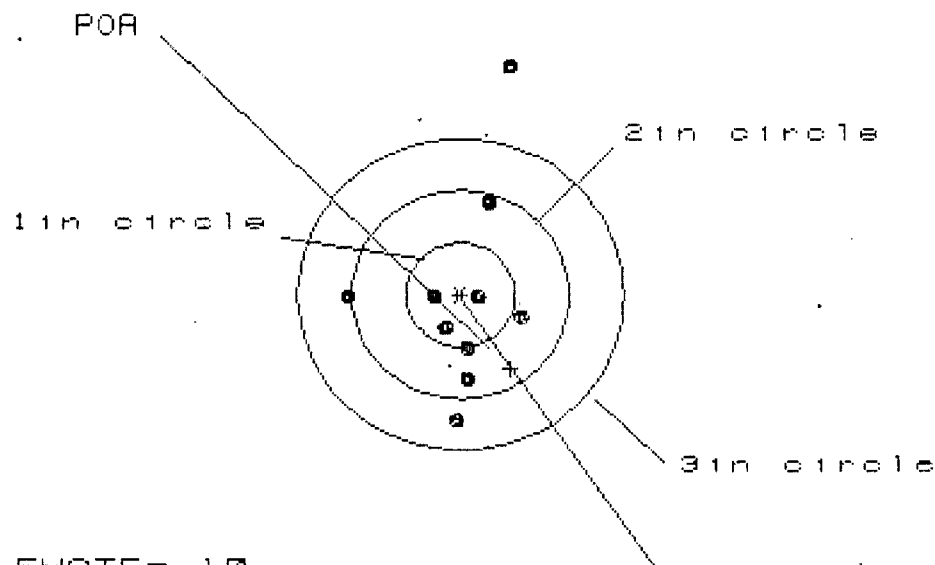


PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.117	.696	.730
MINIMUM X	-1.188	-1.063	-1.029
MAXIMUM Y	1.349	1.257	.899
MINIMUM Y	-.862	-.954	-.796
CENTROID X	-.239	-.364	-.398
CENTROID Y	-.446	-.354	-.512
POA TO CENTROID in.	.506	.508	.648
MIN RADIUS	.273	.226	.387
MEAN RADIUS	.842	.783	.724
MAX RADIUS	1.388	1.288	1.124
HORIZONTAL SPREAD	2.305	1.759	1.759
VERTICAL SPREAD	2.211	2.211	1.695
EXTREME SPREAD	2.603	2.351	1.869
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

18 Aug 1989

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 1.507

VS= 3.355

GS= 3.381

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.508
MINIMUM X	-.999
MAXIMUM Y	2.171
MINIMUM Y	-1.184
CENTROID X	-.458
CENTROID Y	.712
POA TO CENTROID in.	.847
MIN RADIUS	.113
MEAN RADIUS	.797
MAX RADIUS	2.212
HORIZONTAL SPREAD	1.507
VERTICAL SPREAD	3.355
EXTREME SPREAD	3.381
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	8
NUMBER IN THREE INCH CIRCLE =	9