C6348839

MODEL 700™ M24

Model SMS™

Action

Barrel Length

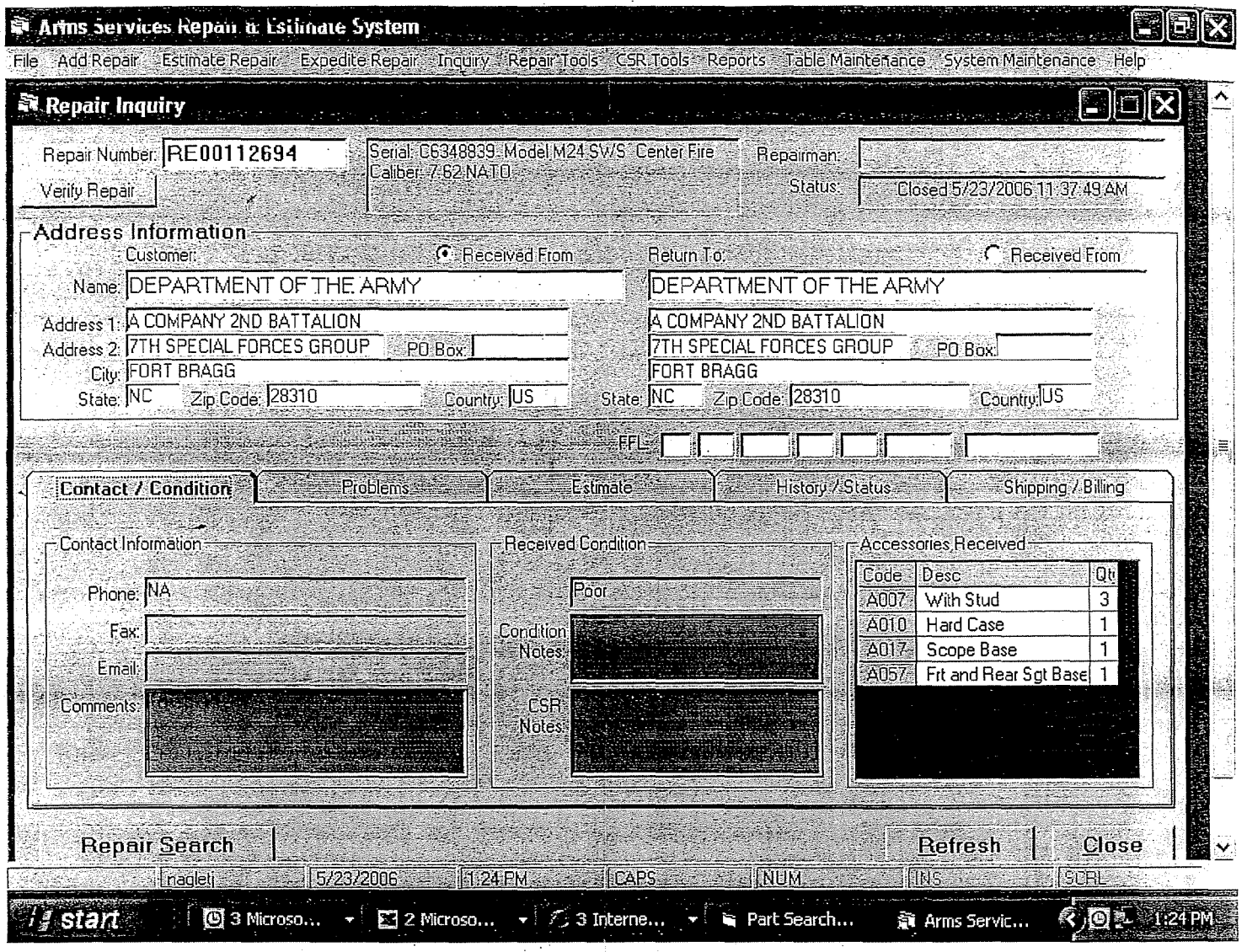
Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®

Sheard®
No. 2-152-5L



Serial Number: C6348839

Model: M24 SWS

RE00112694

BARBER - M24 0039468

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	311	320		
PULL #2	309	309		
PULL #3	314	304		
PULL #4	317	321		
PULL #5	304	312		
TOTAL	15.55	15.66		
AVERAGE	311	313		

	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 INFOMATION

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

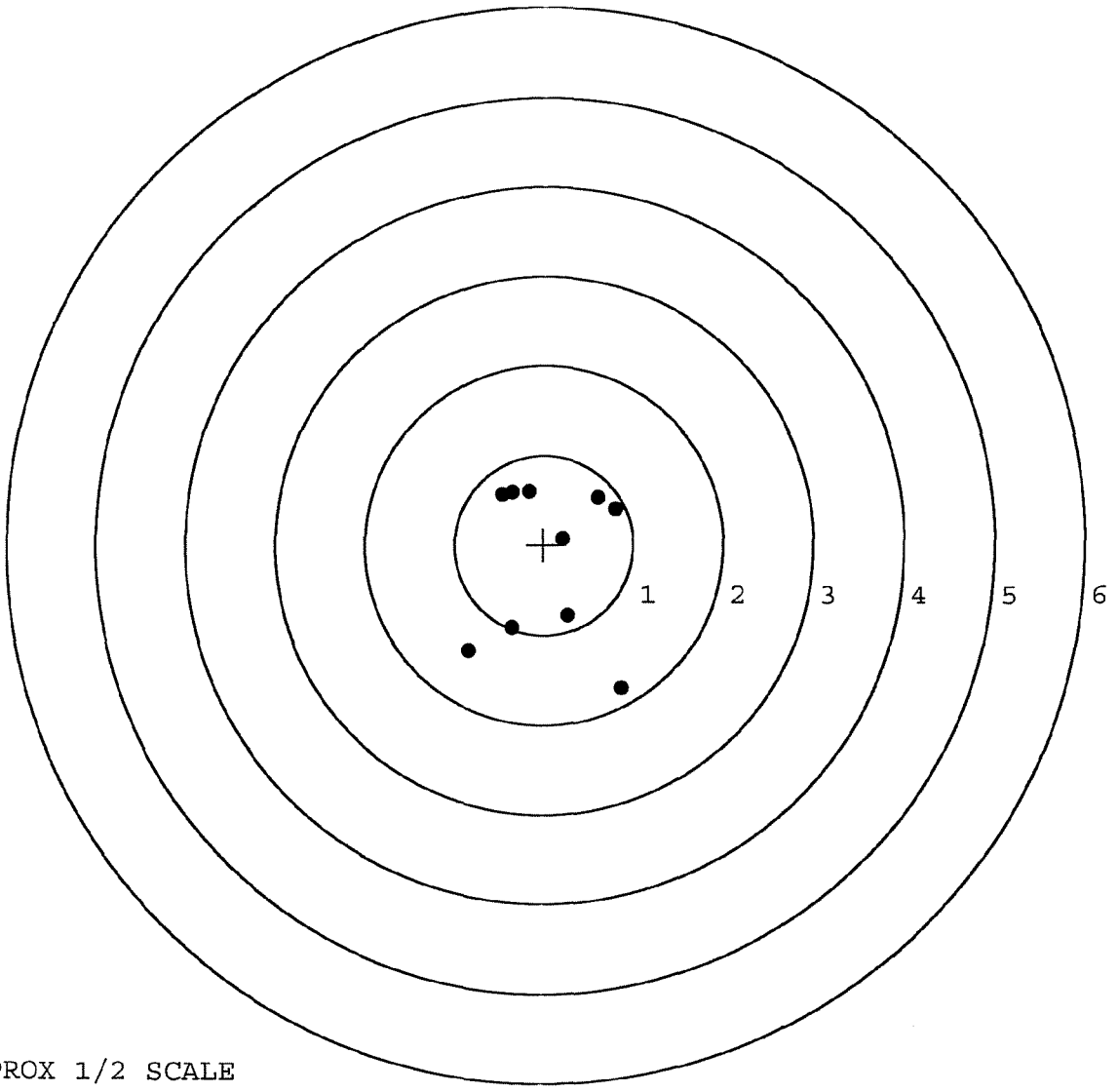
The Average X Centroid of the Five Target Set:	0.049
The Average Y Centroid of the Five Target Set:	-0.046
The Average Point of Impact of the Five Target Set:	0.067
The Average Mean Radius of the Five Target Set:	0.829
The Distance from POA to Centroid Target #1:	0.183
The Distance from Centroid Target #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

BARBER - M24 0039470

SERIAL NUMBER: C6348839.__0
TARGET NUMBER: 1
FILE DATE: 06/08/2006
FILE TIME: 03:13

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

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

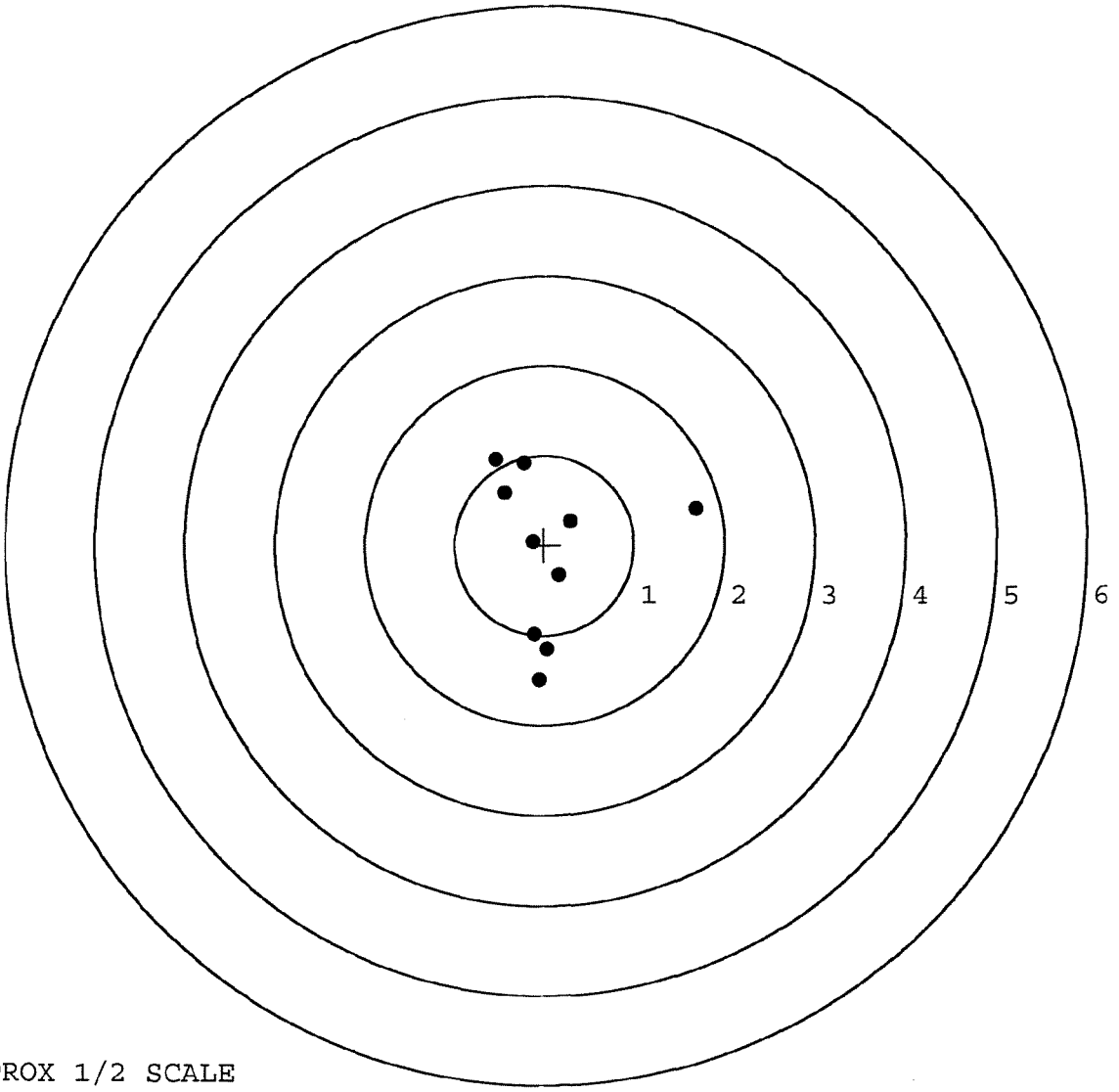


TARGET APPROX 1/2 SCALE

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

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

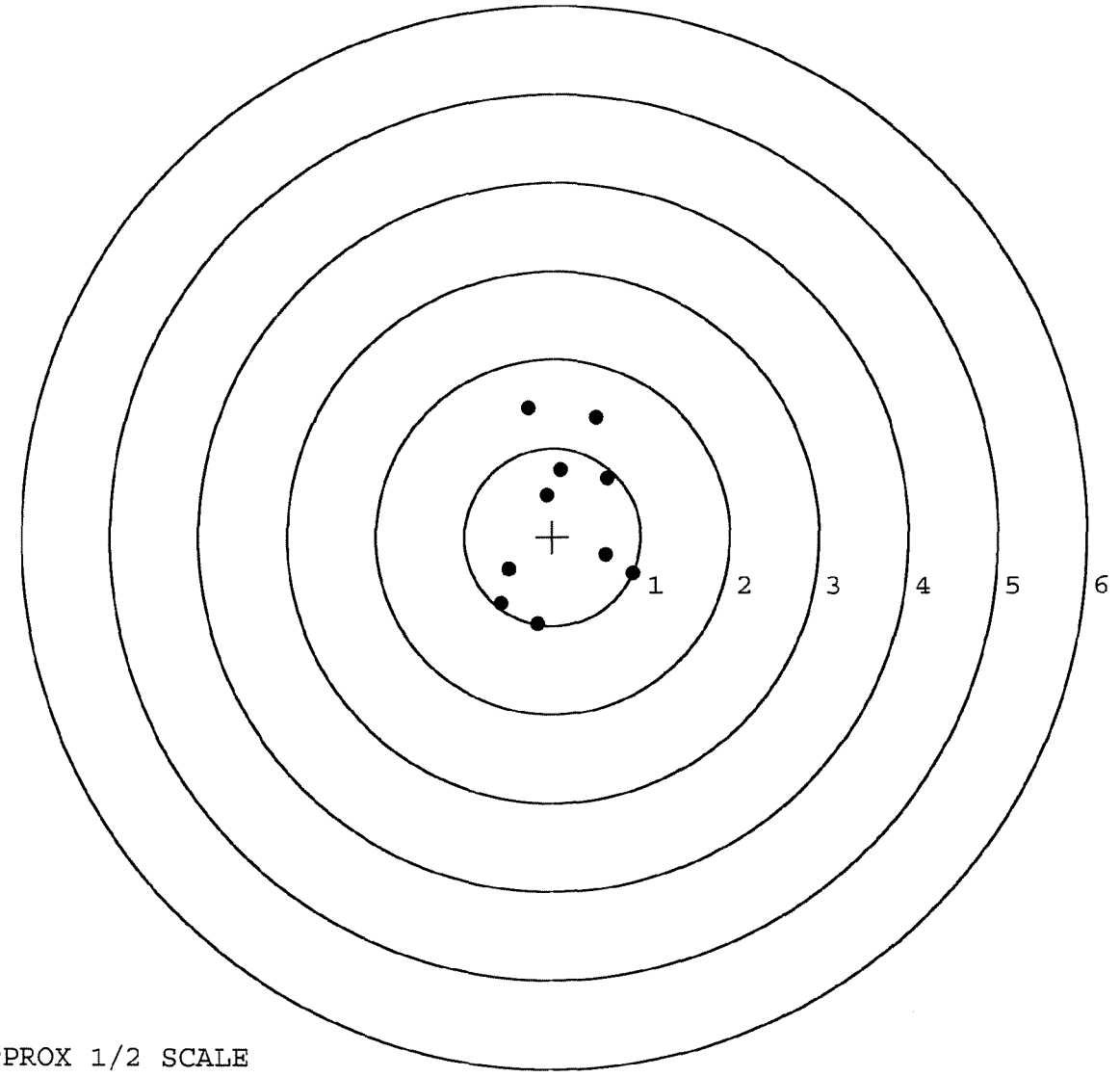


TARGET APPROX 1/2 SCALE

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

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

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

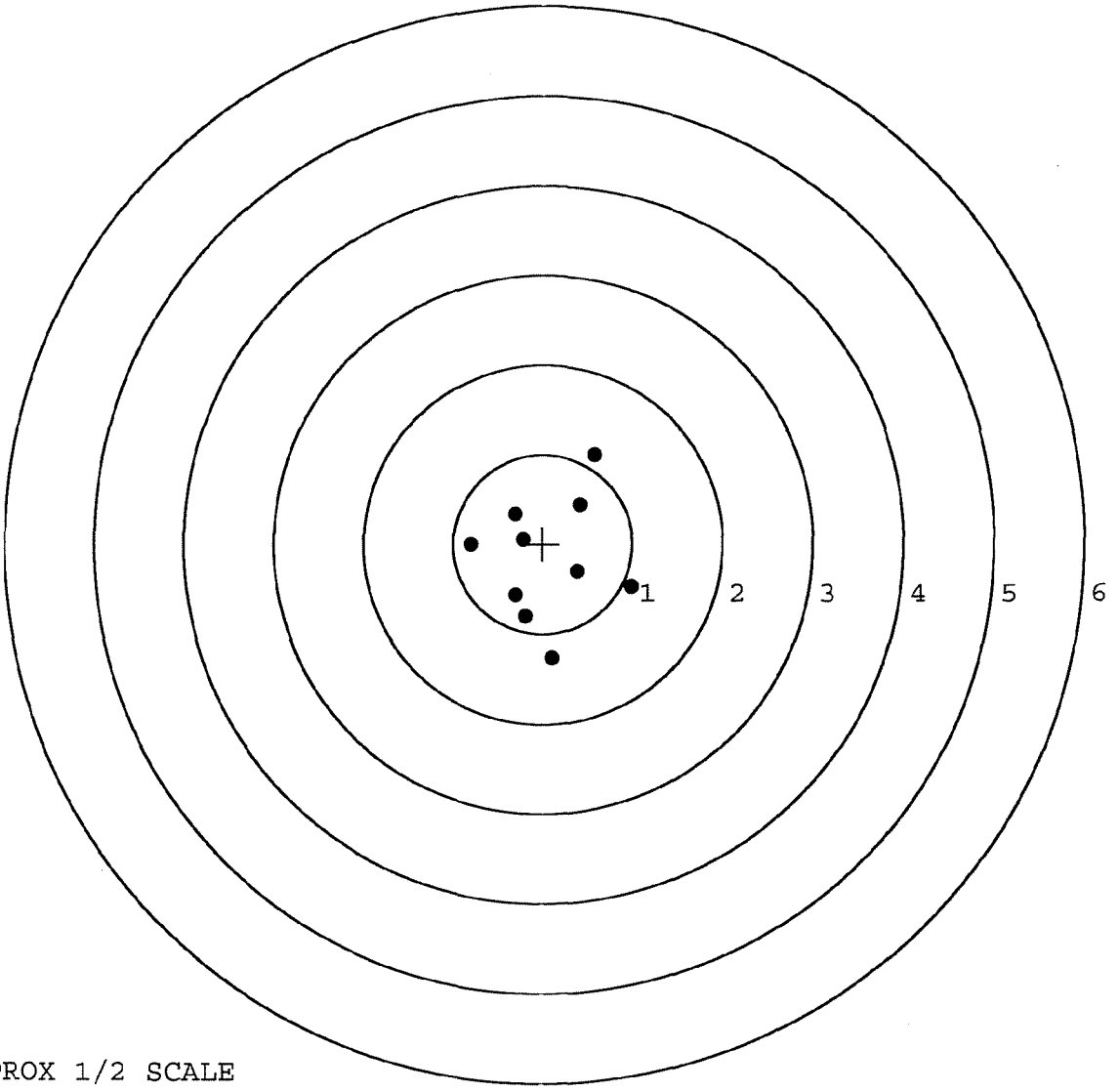


TARGET APPROX 1/2 SCALE

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

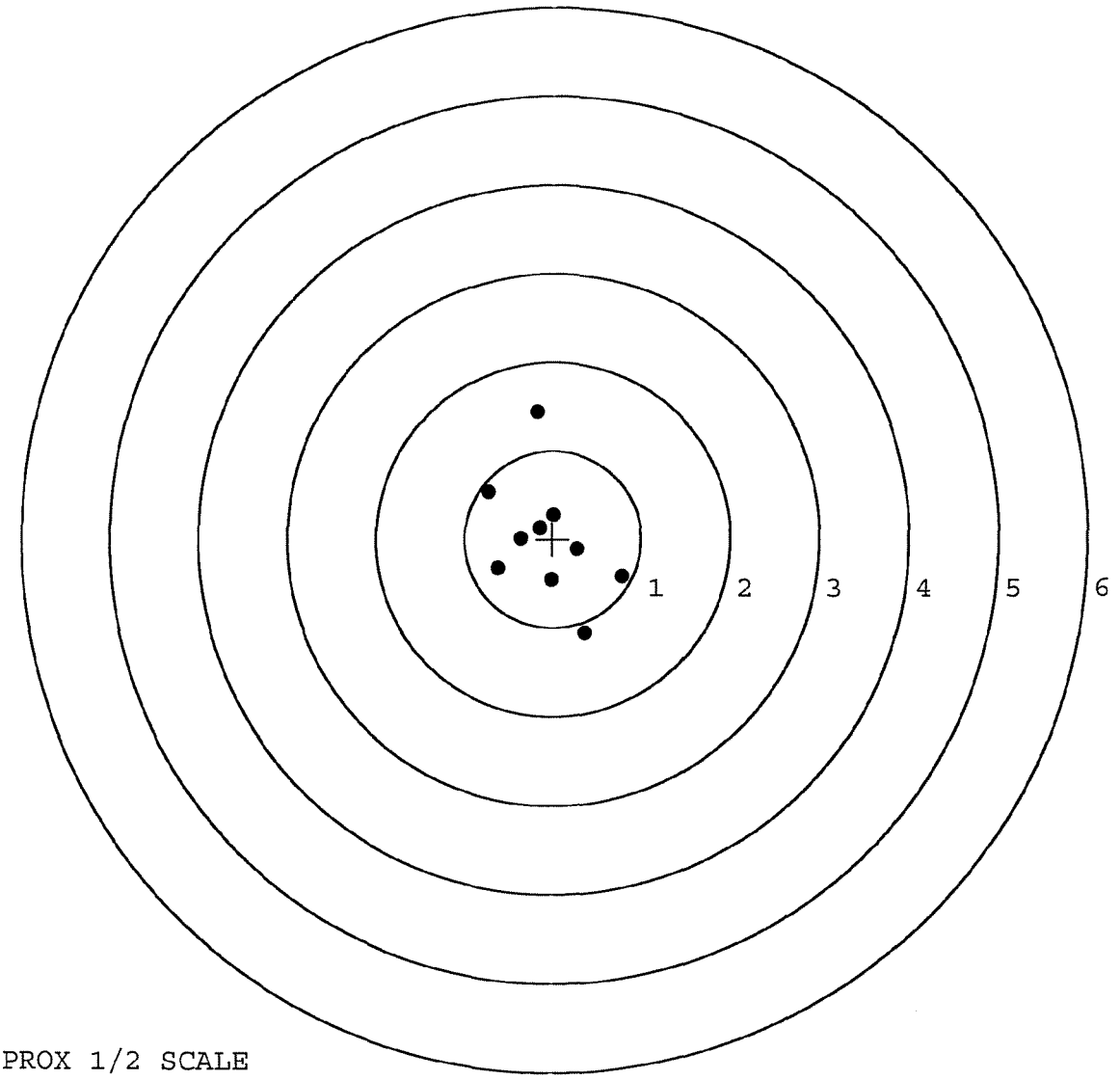


TARGET APPROX 1/2 SCALE

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	CB348839
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 JUN 02 2006	5-30-06	TRW
605	CHECK HEADSPACE		5-30-06	TRW
610	DIS-ASSEMBLE GUN		6-1-06	RTZ
612	MAGNAFLUX	OPERATOR APD	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	TB
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 N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	6-8-06	R.P.
670	FINAL INSPECTION		6-8-06	AG
	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	RM
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	4.5 4.0 4.0	6-8-06	RM
	G) SAFETY OFF FORCE (2 LBS MIN)	2.0 2.0 2.0	6-8-06	RM
	I) FIRING PIN INDENT (.020)	.021 .022 .022	6-8-06	RM
690	PACK		6-9-06	RM

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
Verify Repair

Serial: C6348839 Model 700 Center Fire Caliber: 7.62 M-24 (SWS)

Repairman:
Status: Closed 4/27/00 8:50:57 AM

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	Qt
A007	With Stud, & SWIVEL	2
A016	Scope Mounts	2
A017	Scope Base	1
A026	Scope	1

Repair Search | Refresh | Close

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

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

Scope # 89-0207

Serial Number: C6348839

Model: 700

RE00008592

Final Inspection

S/N:	DATE REC'D:	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-2250
- ___ 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 6348839
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	5-22-00	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		
	QAR INSPECTION DATE	SHIP DATE	

RECEIVING & ESTIMATING REPORT BARBER - M24 0039479

COMMENTS: SNIPER M-24

ORDER: R 96-02146

INITIAL	CUSTOMER ORDER NO.
FPS	10797

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:

~~CPT. DRAGNETT~~ COMMANDER
~~HSC 217TH SFG (A)~~ CO D 2/7 SFG(A)
~~BLDG E-3928~~ BLDG E-3323
~~FT BRAGG~~ FT BRAGG, NC
ATTN: S-4
28307

CUST NO: 136557 C.O.D. W HOLD 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: W52H096017 H244

Barrel — 96003
Stock — 96018
Mag Spring — 15677

COMMENTS:
Repowder Coat Trigger Guard Assy, Front & Rear Sight Bases
Rezdic Scope Base & Swivel Studs

Shot with Slave Scope

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW	✓	✓	✓	✓	
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
RW					

RD6925 REV. 1/94

OFFICE COPY

RD-6947-Rev 3

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
D CO 2ND BN 1ST SWTG

ADDRESS: [redacted] MCFA/DENO

FT. BRAGG, NC

ZIP: 28307

PHONE: 910 432-9037

REMINGTON EMPLOYEE:
YES ☐ NO ☒
EMPLOYEE # _____
DEPT. # _____

FIREARM MODEL: M 24

GAUGE: 7.62

SERIAL # C63488839

CHECK FOR AMMUNITION

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: Warren C Demarest DATE: 17 JAN 96
(Person delivering firearm to Plant)

SIGNATURE: [signature] DATE: 1/17/96
(Security Officer)

SIGNATURE: Richard Wright DATE: _____
(Firearm picked up by)

Arm Service Copy

M-24

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 Clearity of Scope			
645	Inspect for Live Ammo			
655	Final Inspection A) Headspace			
	B) Trigger Pull			
	C) Function			
660	Pack			

SWS/Repair

Final Inspection

S/N: 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

Item:

Stock Assy.
- ✓ Stock
- ✓ Sling Swivel Studs
- ✓ Adjustable Butt Plate
- ✓ Lock Nuts
- ✓ Barrel Clearance
- ✓ Color/Finish

Scope Assy.
- ___ Scope
- ___ Scope Rings
- ___ Mounting Screws
- ___ Mounting Base
- ___ Screws
- ___ Finish
- ___ Looseness
- ___ Clarity

Systems Case
- ___ Scope Case
- ___ Iron Sights
- ___ Deployment Kit

Trigger
- ✓ Safety Operation
- ✓ Set
- ___

Misc.
- ___ DD-250
- ___ Bar Code
- ___ Packaging

Comments: _____

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348839
3 Jan 1900

CENTROIDAL DISTANCES

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

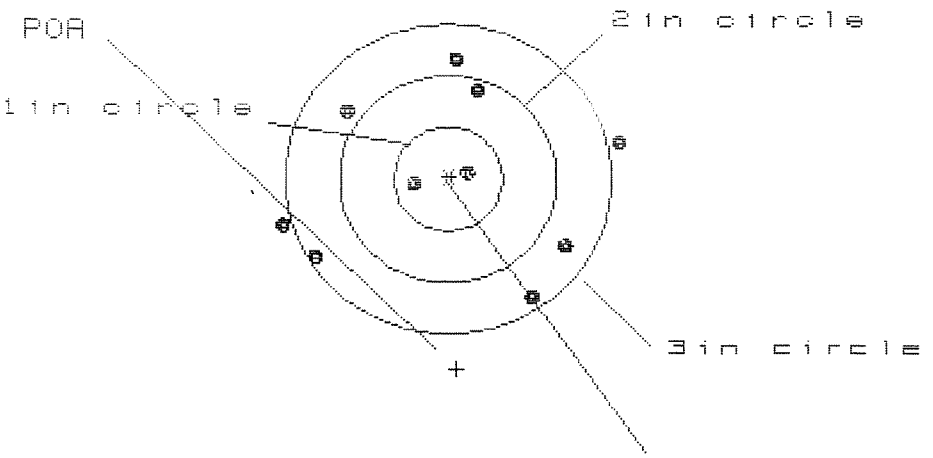
\+ <----POA

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 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C634B839

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

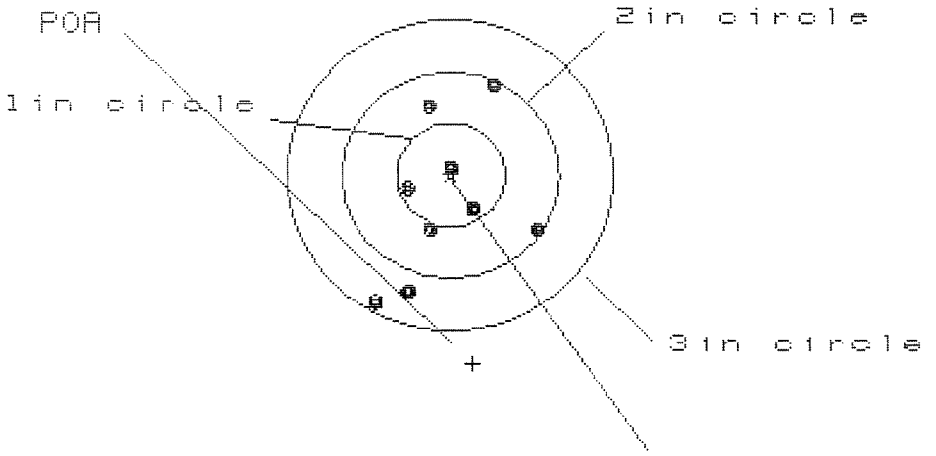
# IN CIR
1in = 2
2in = 3
3in = 8

HS= 3.144
VS= 2.279
GS= 3.254

PATTERN #	:	1		
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 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C0348039

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

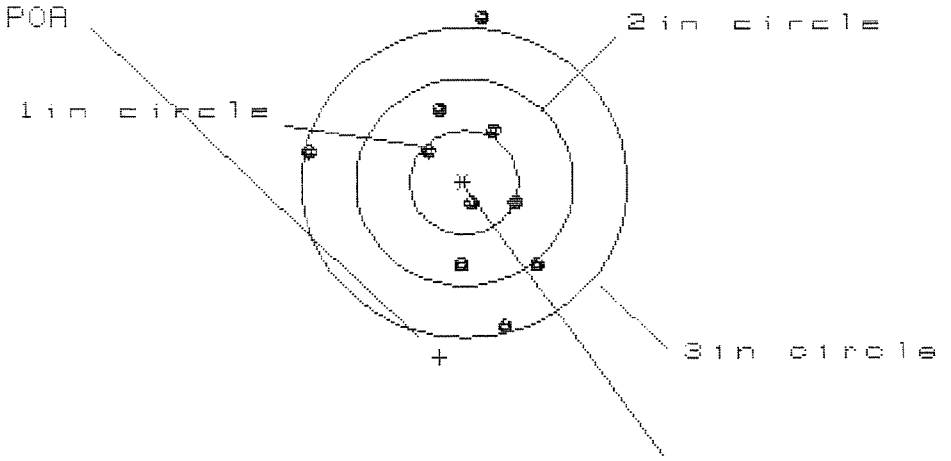
# IN CIR
1in = 3
2in = 6
3in = 9

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 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C634B839

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

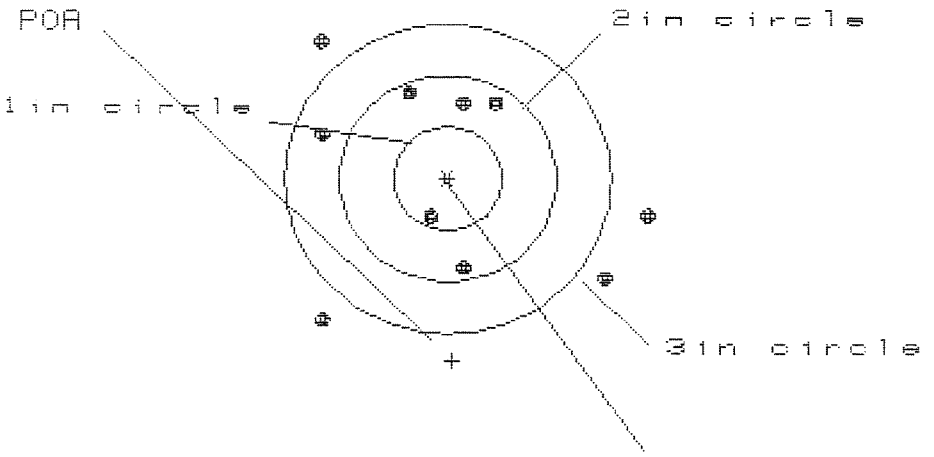
IN CIR
1 in = 2
2 in = 7
3 in = 9

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 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6348839

CENTERFIRE PATTERNS # 4



CENTROID #

OF SHOTS= 10

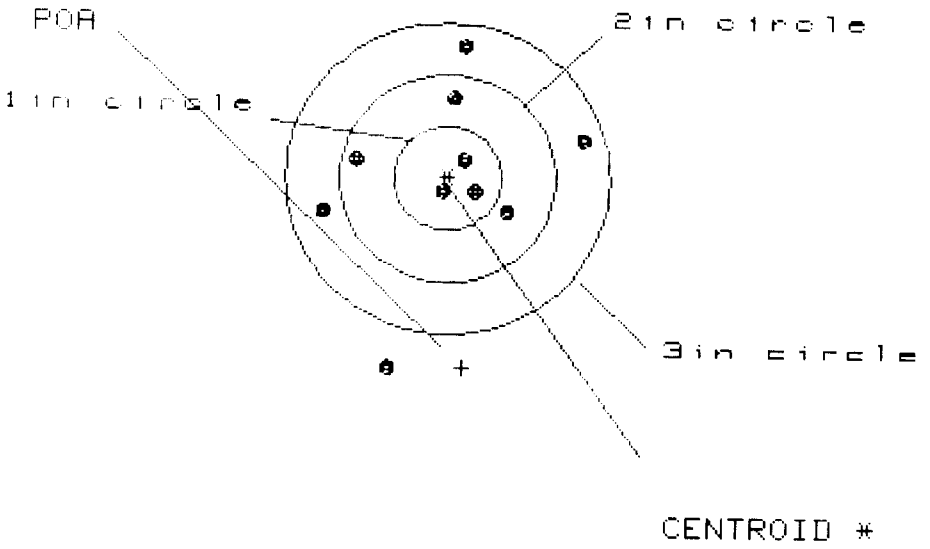
# IN CIR
1in = 1
2in = 5
3in = 6

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	-.999	-1.115
MAXIMUM Y	:	1.294	1.250	1.075
MINIMUM Y	:	-1.355	-1.399	-1.217
CENTROID X	:	-.043	-.244	-.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 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6348839

CENTERFIRE PATTERNS # 5



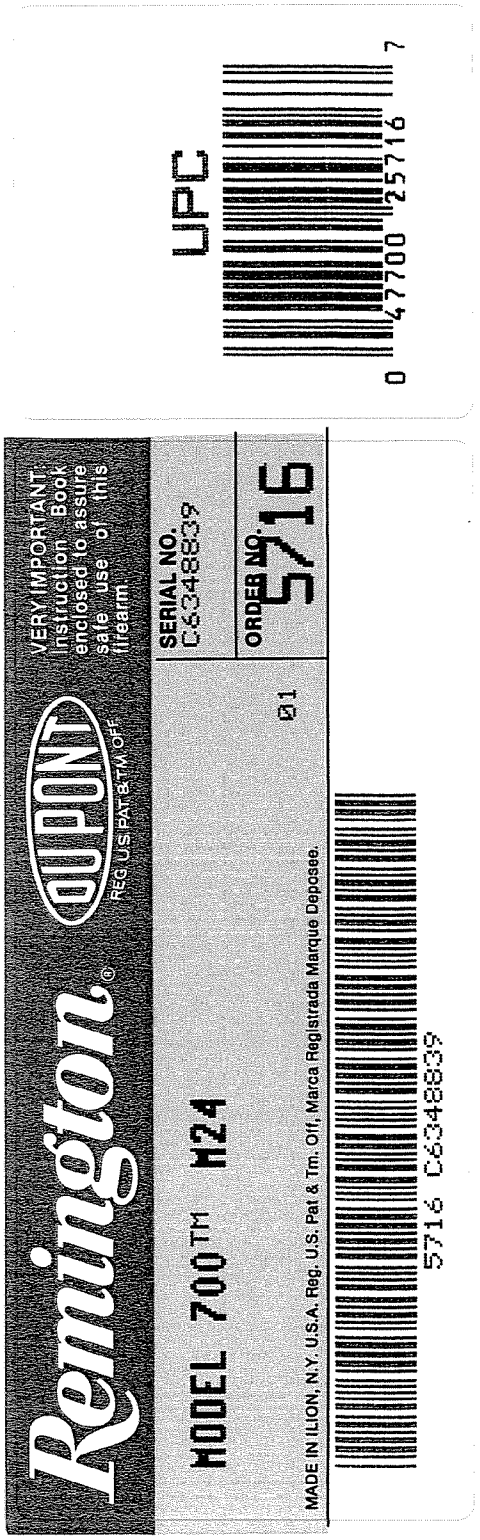
CENTROID #

OF SHOTS= 10

# IN CIR
1in = 3
2in = 6
3in = 8

HS= 2.344
VS= 3.151
TS= 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	1.640	1.889
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
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm
MODEL 700™ M24
SERIAL NO.
C6348839
ORDER NO.
5716
01
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off., Marca Registrada Marque Deposee.
5716 C6348839
UPC
0 47700 25716 7

Scan 0563

M-24

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	[illegible]
7	Drill and Tap Sight Holes	8 16	89	
618	Polish Barrel RB	8 16	89	
620	Apply Coatings (Barrel Action)		[illegible]	[illegible]
	Apply Coating (Bolt)		[illegible]	[illegible]
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		8/24/89	[illegible]

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	4	4	4	8/24/89	CWS
	G) Safety Off Force	4 1/4	4 1/2	4 1/2	8/24/89	CWS
	H) Trigger Pull Test & Retainability				8/24/89	JW
	I) Firing Pin Indent	.0215	.0215	.021	8/24/89	CWS
	J) Assemble Stock				8/28/89	RW
	K) Assemble Swivel Studs				31 Aug 89	GS
	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	RW
	P) Detach & Attach Scope 20 Times				8/28/89	RW
640	Gallery Target & Test	24 of 25			8-30-89	E
	A) Time				8-30-89	E
	B) Malfunctions				8-30-89	E
	C) Pierced Primers				8-30-89	E
	D) Optical Clearity of Scope				8-30-89	E
645	Inspect for Live Ammo				8-30-89	E
655	Final Inspection A) Headspace				31 Aug 89	GS
	B) Trigger Pull	2.23	2.21	2.37	2.11	2.02	31 Aug 89	GS
	C) Function				31 Aug 89	GS
660	Pack				30 Sept 89	GS

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 DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.34	2.35		MIN. SETTING,
PULL #2	2.41	2.32	2.28		NO AVG. OF 5
PULL #3	2.40	2.27	2.34		READINGS ACCEPT-
PULL #4	2.46	2.30	2.29		ABLE LESS THAN 2#
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	.173086
1	TO	2	.390514
1	TO	3	.497309
1	TO	4	.399095
1	TO	5	.643218

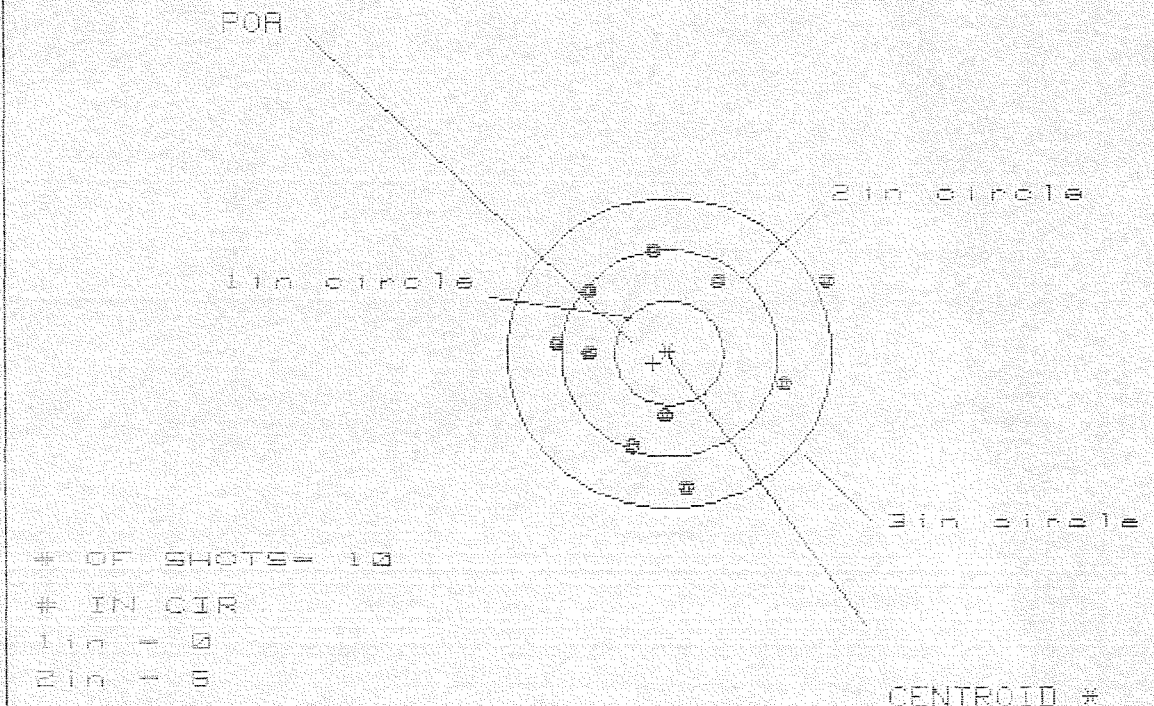
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0418
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.161
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .166338

THE AMR FOR THIS RIFLE IS: 1.023

C6348839

30 Aug 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6348839

CENTERFIRE PATTERNS # 1

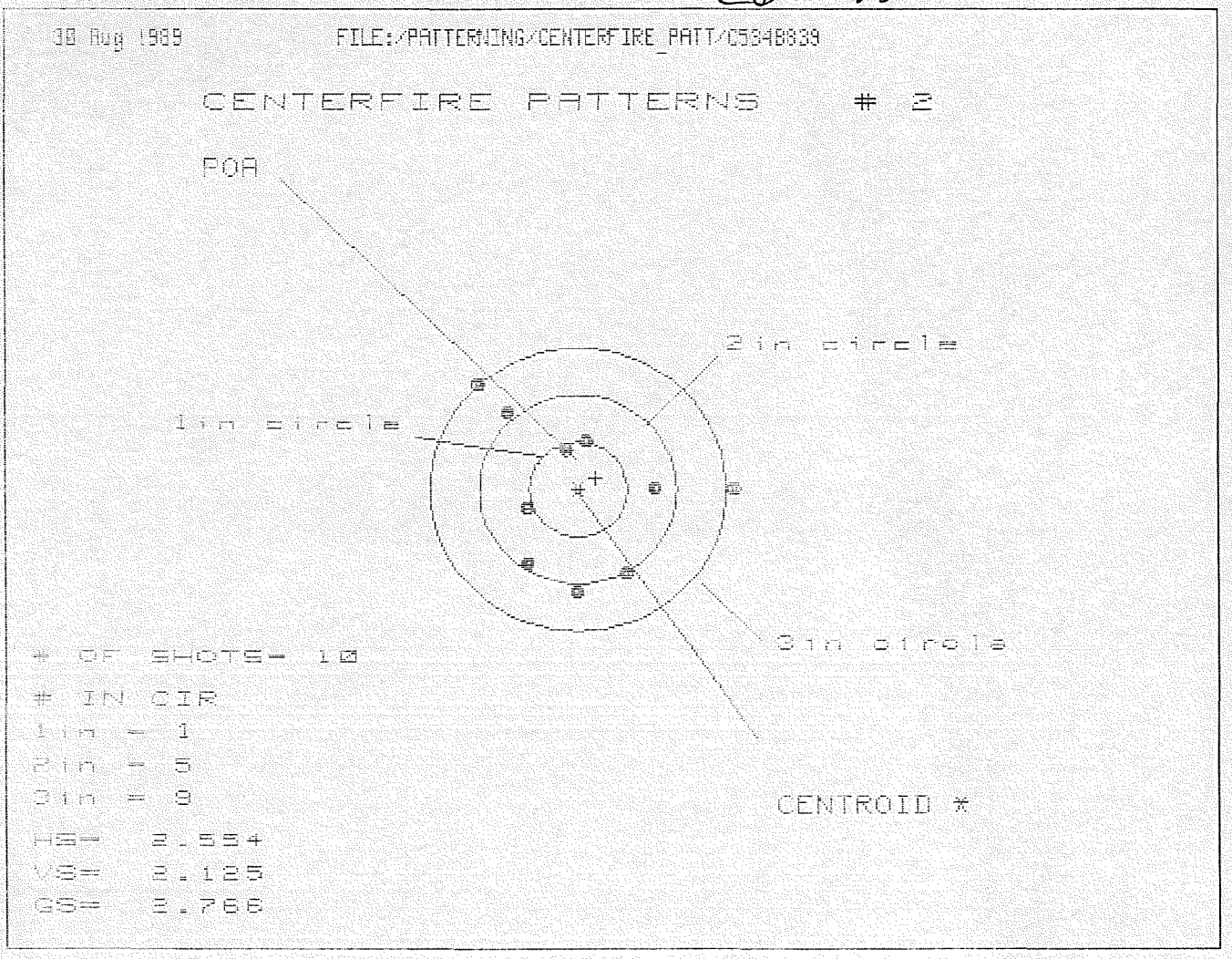


OF SHOTS= 10
IN CIR
1 in = 0
2 in = 6
3 in = 9

HS= 2.445
VS= 2.244
GS= 2.521

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
POA 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

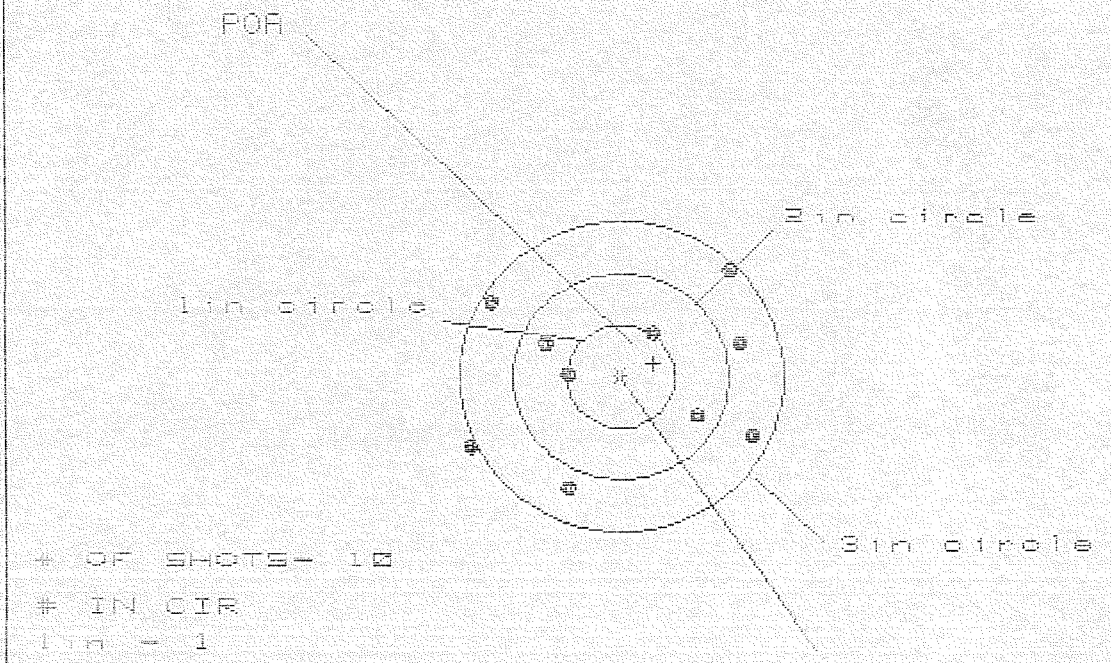


PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.577	.955	.855
MINIMUM X	:	-.977	-.802	-.613
MAXIMUM Y	:	1.075	1.076	1.004
MINIMUM Y	:	-1.050	-1.049	-.914
CENTROID X	:	-.182	-.357	-.257
CENTROID Y	:	-.119	-.120	-.255
POA TO CENTROID in.	:	.218	.377	.362
MIN RADIUS	:	.437	.395	.470
MEAN RADIUS	:	.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 1988 FILE:/PATTERNING/CENTERFIRE_PATT/C6348839

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

# IN CIR
1in = 1
2in = 4
3in = 8

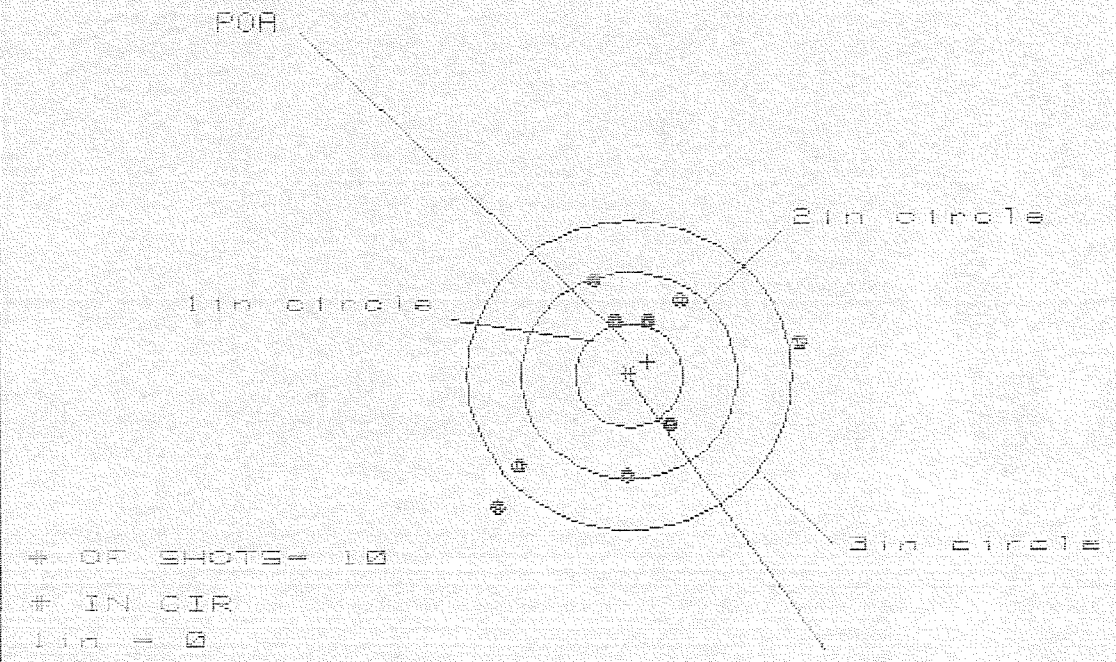
HS= 2.593
VS= 2.049
GS= 3.865

PATTERN #	:	3		
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

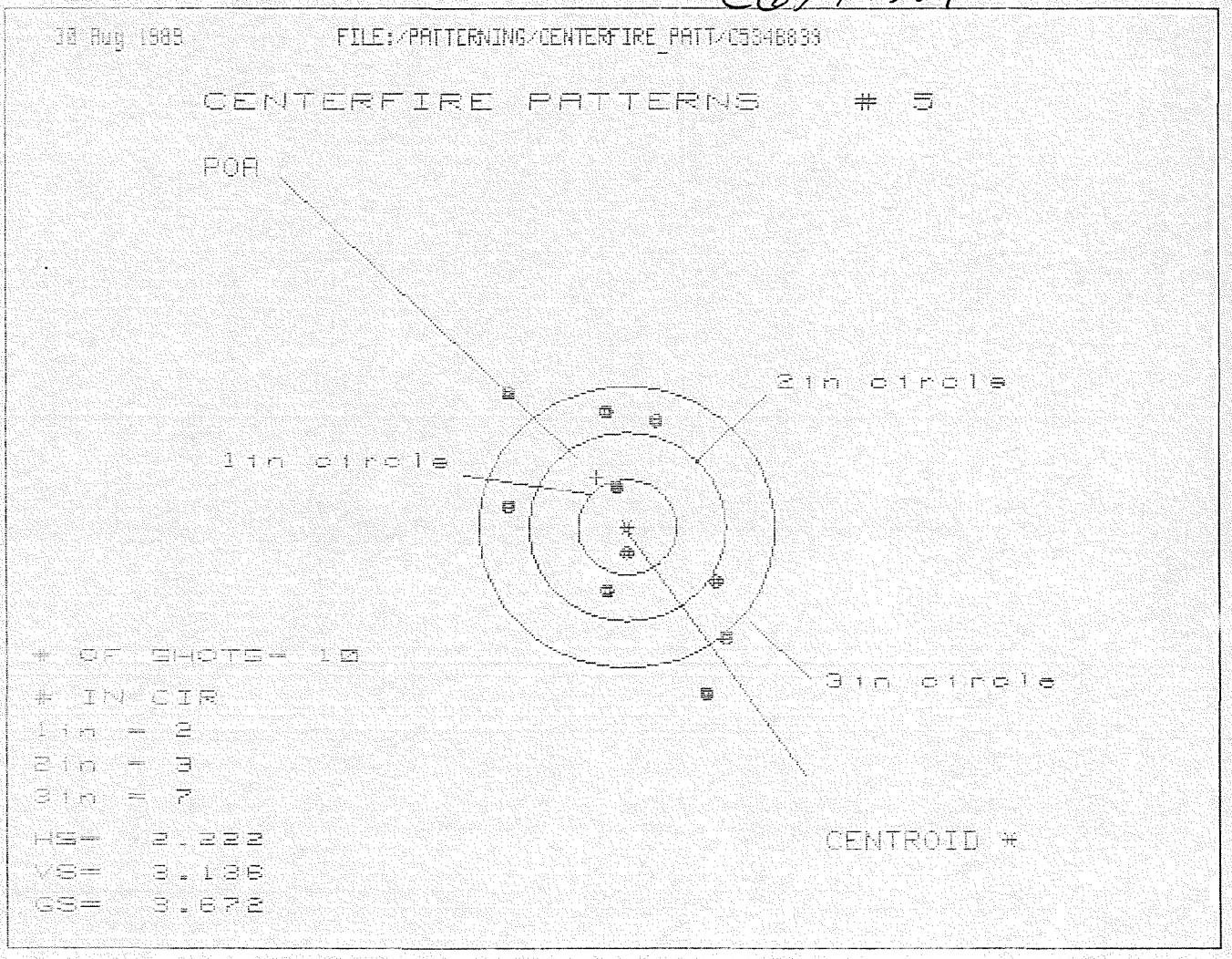
CENTERFIRE PATTERNS # 4



# OF SHOTS= 10
# IN CIR
1in = 0
2in = 7
3in = 8
HS= 2.787
VS= 2.255
GS= 3.237

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	.820
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	

C6348839



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	