C6349172

MODEL 700™ M24

Model SPS™

Action

Barrel Length

Capacity

Order No. 5716

*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: RE00062258

Verify Repair

Serial: C6349172 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS)

Repairman:

Status: Closed 2/26/2003 12:31:49 PM

Address Information

Customer: (Received From)		Return To: (Received From)	
Name:	JOINT TRANS DIRECTORATE		JOINT TRANS DIRECTORATE
Address 1:	ATTN AFZH JTM M		ATTN AFZH JTM M
Address 2:	BOX 339500 MS 53 PO Box:		BOX 339500 MS 53 PO Box:
City:	FORT LEWIS		FORT LEWIS
State:	WA Zip Code: 98433 Country: US	State:	WA Zip Code: 98433 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	1
A017	Scope Base	1
X	FRT & REAR SGT BA	1

Repair Search | Refresh | Close

naglelj | 2/26/2003 | 1:06 PM | CAPS | NUM | INS | SCRL

start | Inbox - Microsoft... | Calendar - Mozi... | Arms Services Re... | 1:06 PM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349172.__0
FILE DATE AND TIME: 03/22/2003 06:49

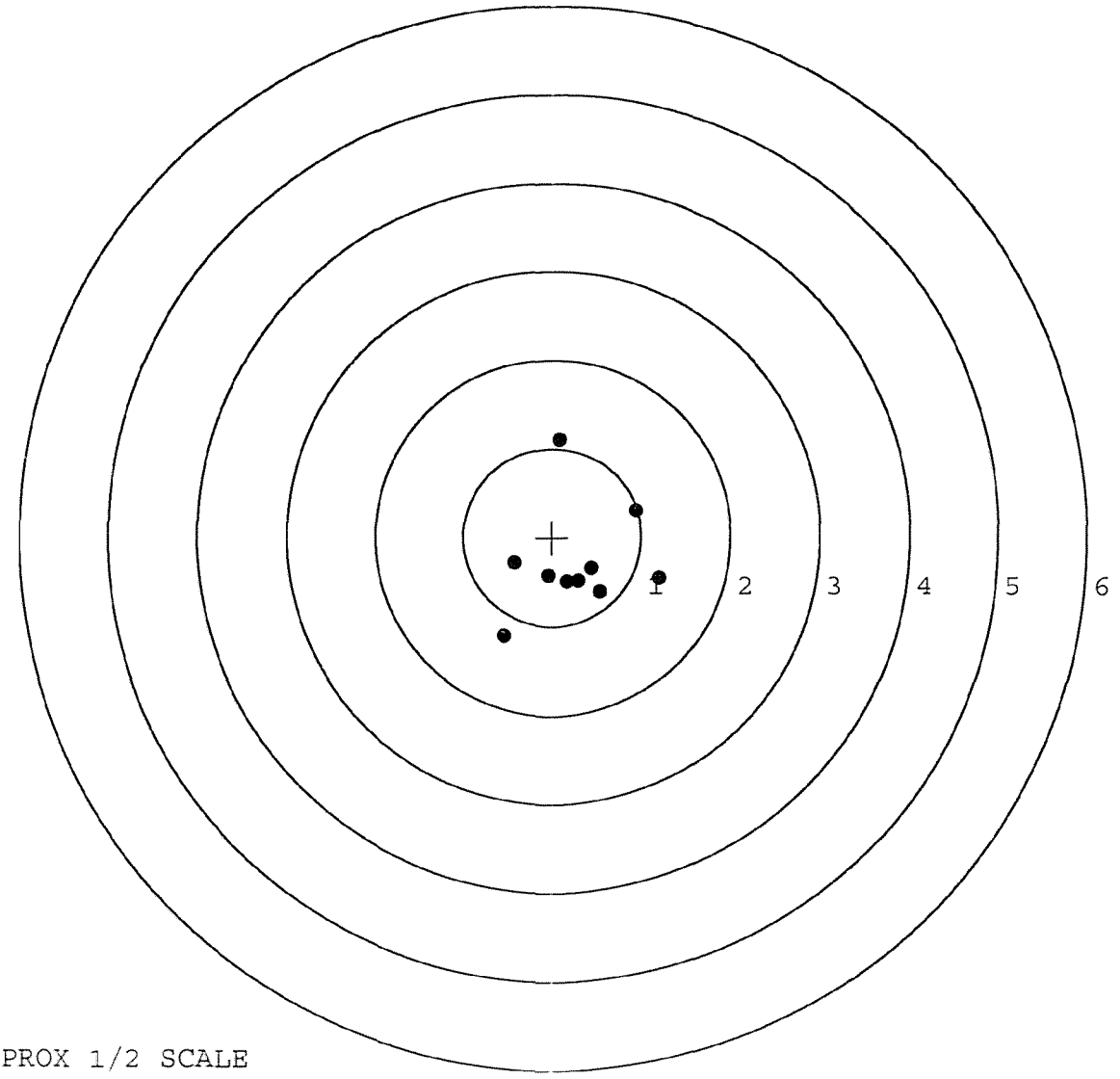
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.048
The Average Y Centroid of the Five Target Set:	-0.158
The Average Point of Impact of the Five Target Set:	0.165
The Average Mean Radius of the Five Target Set:	0.589
The Distance from POA to Centroid Target #1:	0.394
The Distance from Centroid Target #2 to Centroid Target #1:	0.099
The Distance from Centroid Target #3 to Centroid Target #1:	0.205
The Distance from Centroid Target #4 to Centroid Target #1:	0.524
The Distance from Centroid Target #5 to Centroid Target #1:	0.486

SERIAL NUMBER: C6349172.__0
TARGET NUMBER: 1
FILE DATE: 03/22/2003
FILE TIME: 06:49

X CENTROID:	0.267
Y CENTROID:	-0.290
POA TO CENTROID:	0.394
HORZ SPREAD:	1.744
VERT SPREAD:	2.218
GROUP SPREAD:	2.304
MIN RADIUS:	0.190
MAX RADIUS:	1.406
MEAN RADIUS:	0.649
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.538	-0.623
2:	0.297	-0.496
3:	0.446	-0.355
4:	0.173	-0.503
5:	-0.043	-0.438
6:	-0.422	-0.299
7:	-0.541	-1.115
8:	1.203	-0.468
9:	0.935	0.290
10:	0.082	1.103

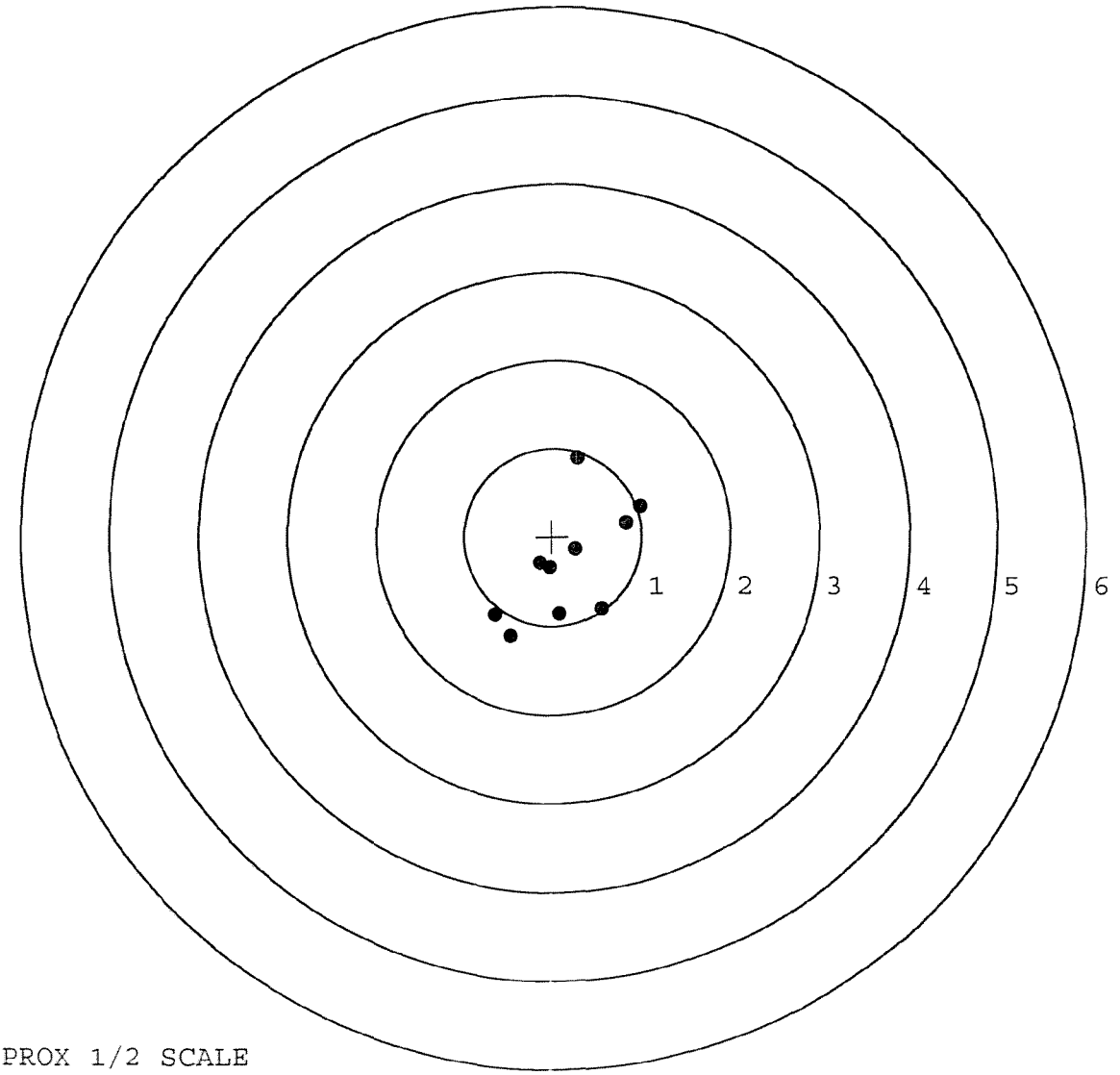


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349172.__0
TARGET NUMBER: 2
FILE DATE: 03/22/2003
FILE TIME: 06:49

X CENTROID:	0.169
Y CENTROID:	-0.306
POA TO CENTROID:	0.350
HORZ SPREAD:	1.633
VERT SPREAD:	2.002
GROUP SPREAD:	2.138
MIN RADIUS:	0.187
MAX RADIUS:	1.200
MEAN RADIUS:	0.698
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.651	-0.877
2:	-0.469	-1.114
3:	0.083	-0.873
4:	0.554	-0.807
5:	-0.142	-0.297
6:	-0.033	-0.350
7:	0.261	-0.143
8:	0.821	0.163
9:	0.982	0.348
10:	0.282	0.888

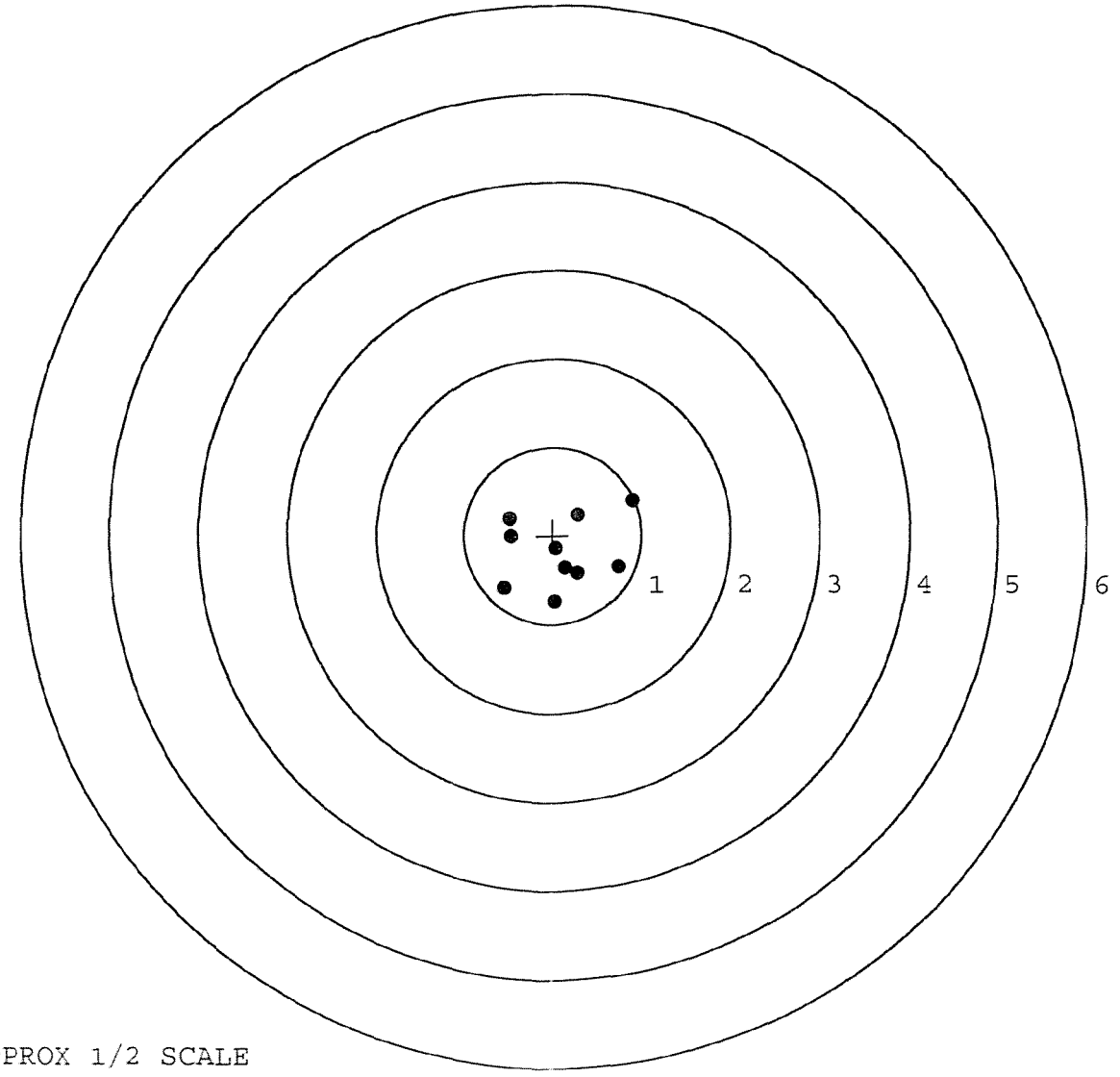


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349172.__0
TARGET NUMBER: 3
FILE DATE: 03/22/2003
FILE TIME: 06:49

X CENTROID:	0.091
Y CENTROID:	-0.185
POA TO CENTROID:	0.206
HORZ SPREAD:	1.447
VERT SPREAD:	1.146
GROUP SPREAD:	1.756
MIN RADIUS:	0.063
MAX RADIUS:	0.996
MEAN RADIUS:	0.530
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.493	0.188
2:	-0.469	-0.014
3:	-0.548	-0.598
4:	0.028	-0.749
5:	0.282	-0.427
6:	0.039	-0.148
7:	0.744	-0.358
8:	0.284	0.230
9:	0.899	0.397
10:	0.142	-0.367

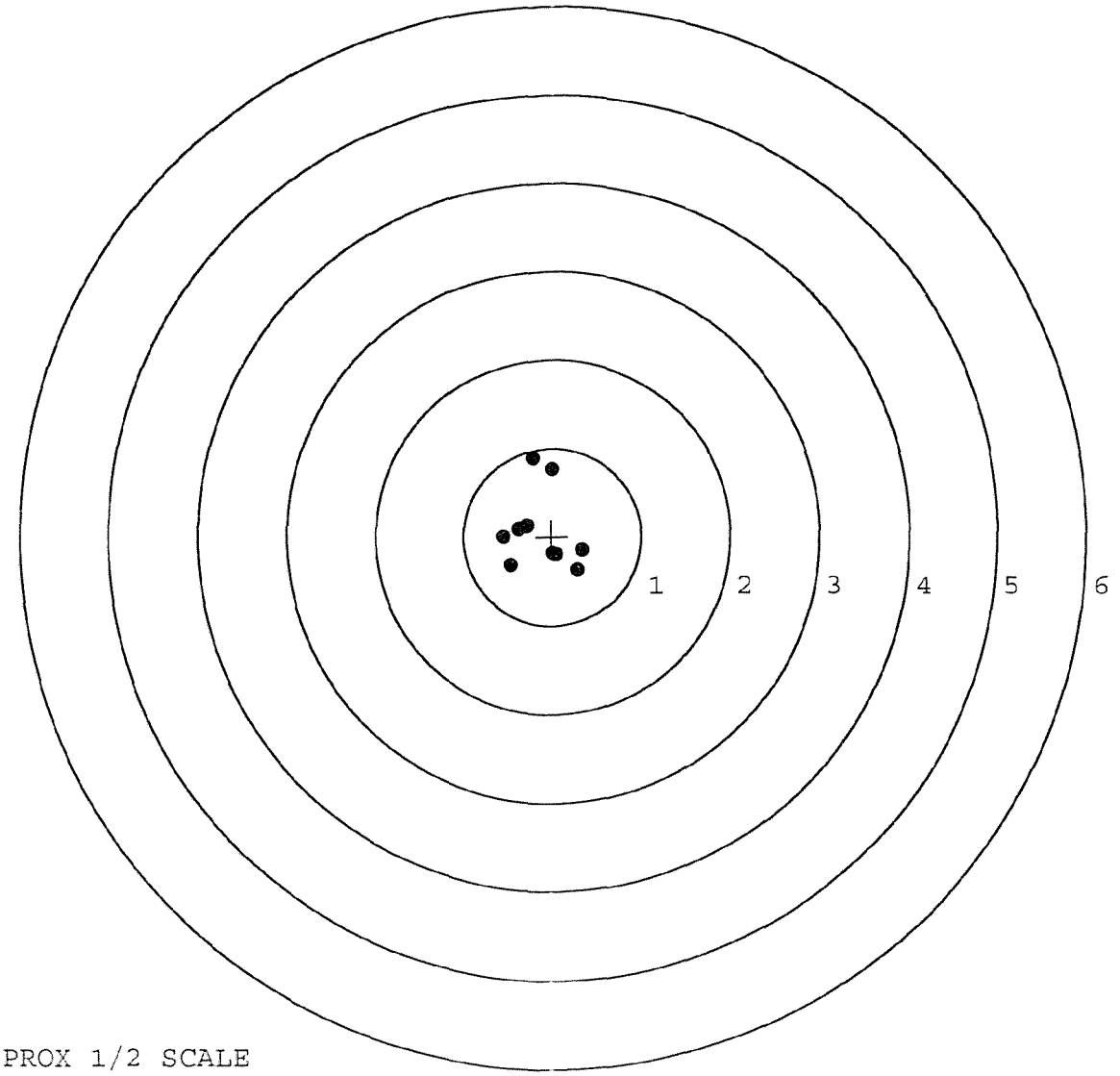


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349172.__0
TARGET NUMBER: 4
FILE DATE: 03/22/2003
FILE TIME: 06:49

X CENTROID:	-0.122
Y CENTROID:	0.061
POA TO CENTROID:	0.136
HORZ SPREAD:	0.897
VERT SPREAD:	1.273
GROUP SPREAD:	1.370
MIN RADIUS:	0.181
MAX RADIUS:	0.836
MEAN RADIUS:	0.465
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.214	0.892
2:	-0.006	0.761
3:	-0.292	0.122
4:	-0.381	0.083
5:	-0.552	0.004
6:	-0.468	-0.320
7:	0.008	-0.190
8:	0.345	-0.156
9:	0.291	-0.381
10:	0.051	-0.203

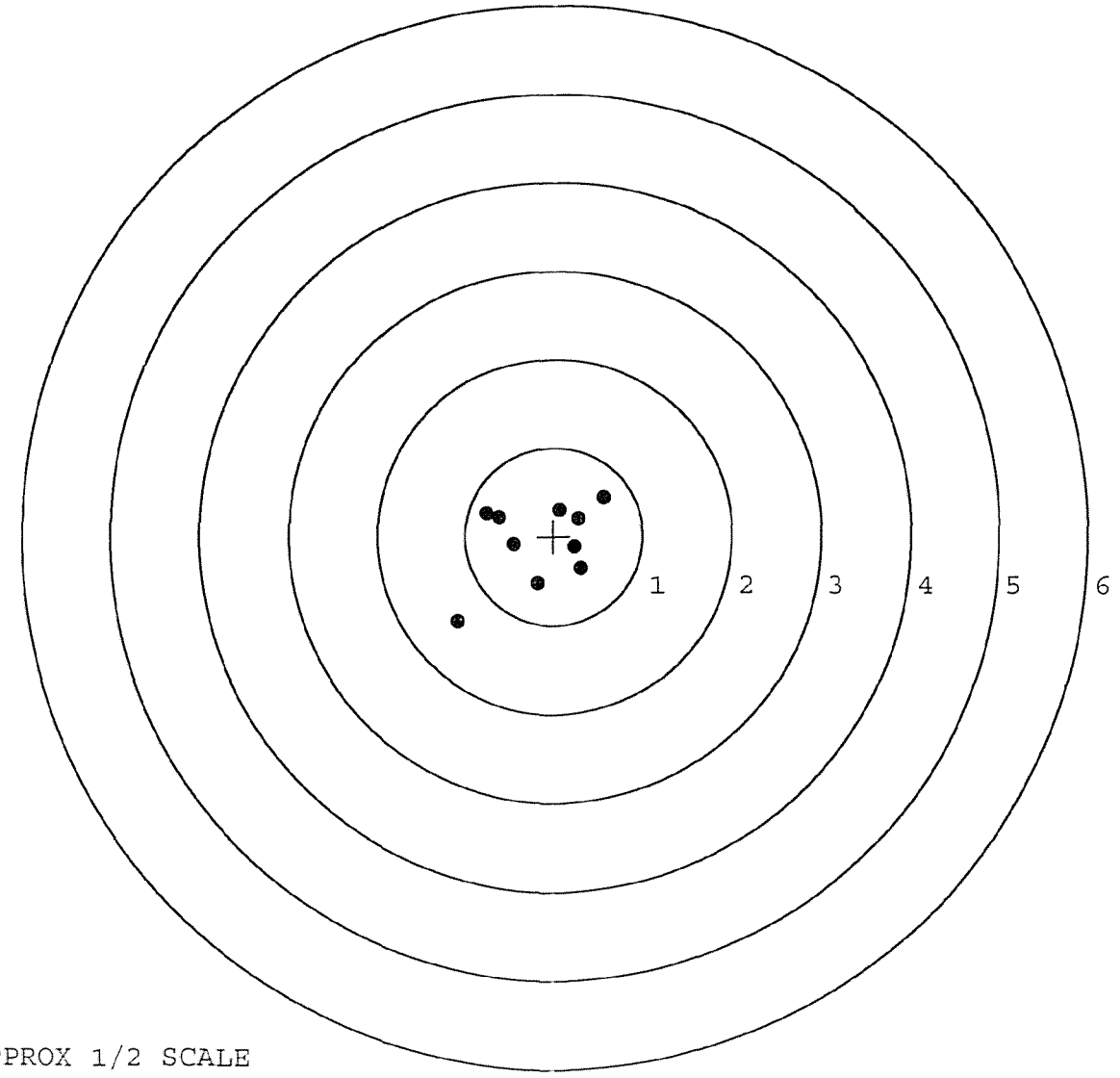


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349172.__0
TARGET NUMBER: 5
FILE DATE: 03/22/2003
FILE TIME: 06:49

X CENTROID:	-0.167
Y CENTROID:	-0.071
POA TO CENTROID:	0.181
HORZ SPREAD:	1.643
VERT SPREAD:	1.397
GROUP SPREAD:	2.157
MIN RADIUS:	0.285
MAX RADIUS:	1.284
MEAN RADIUS:	0.605
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.764	0.248
2:	-0.622	0.212
3:	-0.451	-0.097
4:	-1.086	-0.967
5:	-0.186	-0.535
6:	0.310	-0.373
7:	0.234	-0.124
8:	0.062	0.299
9:	0.275	0.199
10:	0.557	0.430



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	622258		
SERIAL NUMBER	C634917 2		
LOG-IN DATE	2-26-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-27-03	RTL
560 A	RE-BARREL	3-4-03	RTL
B	DRILL AND TAP	3-6-03	TRW
575	ASSEMBLE	3-5-03	RTL
600	PROOF	3-5-03	AC
605	CHECK HEADSPACE	3-5-03	AC
610	DIS-ASSEMBLE GUN	3-5-03	AC
612	MAGNAFLUX	3-7-03	
615	ROLLMARK CALIBER	3-7-03	
618	ROTO-BLAST	3-10-03	
620	APPLY COATINGS	3-18	TA
625 A	FINAL ASSEMBLY	3-19-03	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-20-03	RW
655	FINAL INSPECT	3-21-03	RTL
660	PACK	3-21-03	DA
		SHIP DATE	
	QAR INSPECTION DATE		

MAGNA-FLUX
INSPECTED
MAR 07 2003
OPERATOR

Scope 0646

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # CC6349172

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	A.C.
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action		10/13/89	KCR
	Magnaflux Bolt		10/13/89	KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes	10 16	89	JB
618	Polish Barrel RB	10 16	89	BT
620	Apply Coatings (Barrel Action)		10 27 89	TS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/30/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/30/89	RW
	C) Inspect Ejector Hole for Chamfer		10/30/89	RW
	D) Oil Firing Pin Ass'y		10/30/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/1/89	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			11/3/89	JL
	G) Safety Off Force	3	3	3			11/3/89	JL
	H) Trigger Pull Test & Retainability						11/1/89	WB
	I) Firing Pin Indent	.021	.021	.021			11/3/89	JL
	J) Assemble Stock						11/3/89	RW
	K) Assemble Swivel Studs						11Dec89	JSB
	L) Attach Front and Rear Sight Assemblies						11/3/89	RW
	M) Iron Sight Alignment						11/3/89	RW
	N) Detach Front & Rear Sights & place in numbered container						11/3/89	RW
	O) Attach Scope to Rifle						11/6/89	JL
	P) Detach & Attach Scope 20 Times						11/6/89	JL
640	Gallery Target & Test						11-7-89	AC
	A) Time						11-7-89	AC
	B) Malfunctions						11-7-89	AC
	C) Pierced Primers						11-7-89	AC
	D) Optical Clearity of Scope						11-7-89	AC
645	Inspect for Live Ammo						11-7-89	AC
655	Final Inspection A) Headspace						11Dec89	JSB
	B) Trigger Pull	217	231	226	236	229	11Dec89	JSB
	C) Function						11Dec89	JSB
660	Pack						15Dec89	JSB

TEST	INIT.	ACTION TO CORRECT	ASSEM. #
PROOF		Ream Ejector hole	
TEST		Polish Ejector	
TGT		12/8/89	
PROOF		shot OK	
TEST		12-9-89	
TGT			
		ENGINEER	
PROOF			
TEST			
TGT			
		ENGINEER	
PROOF			
TEST			
TGT			

MOD. _____ GA. _____ CAL. C6349T12 GUN # _____

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st		
	11-7-89	shave broke + dent eject (AC)	
	2nd		
	3rd		
	4th		
		FUNCTION RD 6654 Rev 1	

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ±1.00#

SERIAL NO. C6349172
DATE 3/29/90
TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.49	2.32	2.33		MIN. SETTING,
PULL #2	2.50	2.37	2.30		NO AVG. OF 5
PULL #3	2.50	2.37	2.32		READINGS ACCEPT-
PULL #4	2.50	2.22	2.39		ABLE LESS THAN 2#
PULL #5	2.47	2.36	2.24		
TOTAL	12.46	11.64	11.58		
AVG.	2.49	2.32	2.31		

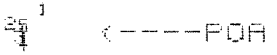
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.33	3.18		
PULL #2	3.16	3.27		
PULL #3	3.29	3.24		
PULL #4	3.26	3.24		
PULL #5	3.33	3.31		
TOTAL	16.37	16.24		
AVG.	3.27	3.24		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.16		
PULL #2	4.38	4.27		
PULL #3	4.39	4.32		
PULL #4	4.37	4.30		
PULL #5	4.36	4.36		
TOTAL	21.70	21.41		
AVG.	4.34	4.28		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349172
7 Nov 1989

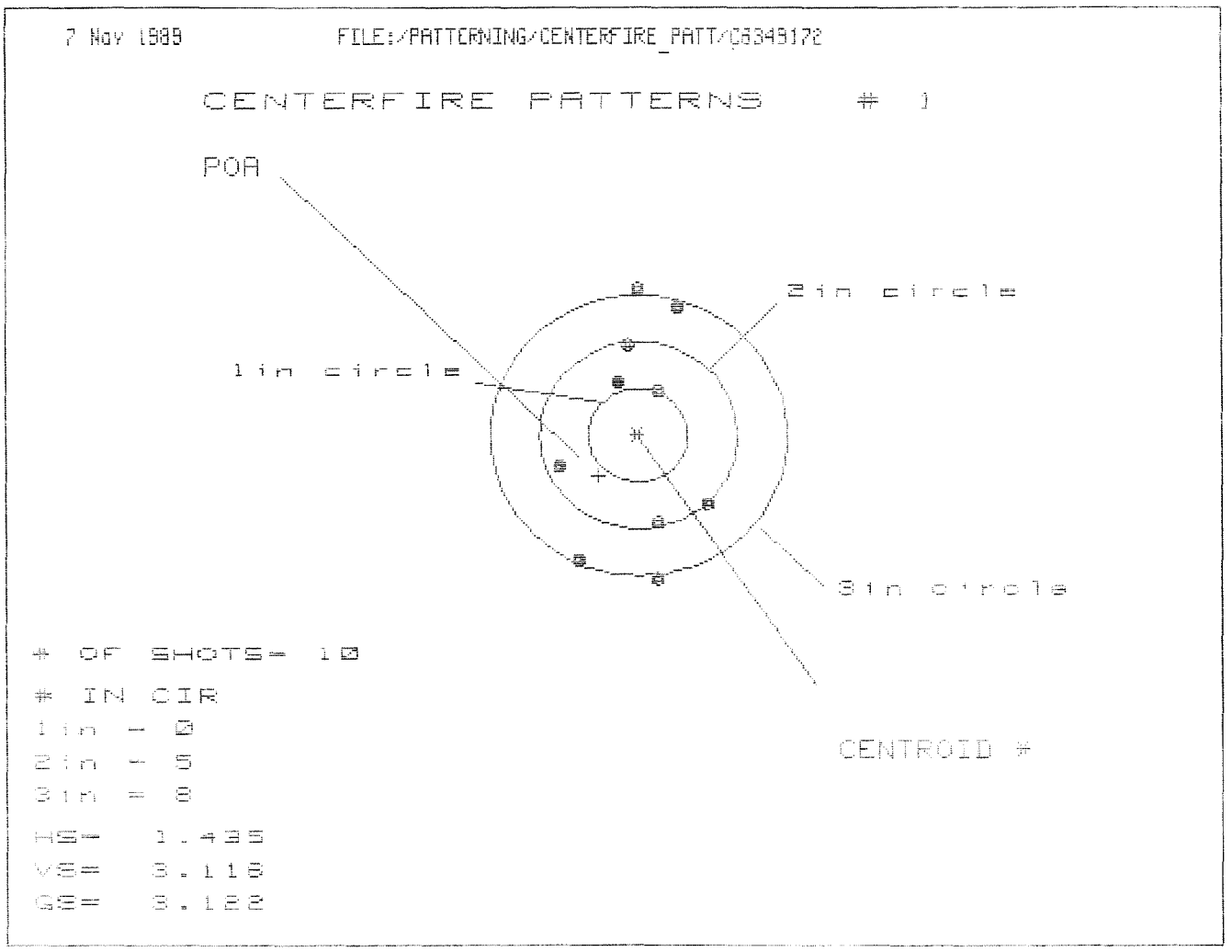
CENTROIDAL DISTANCES

0	TO	1	.590014
1	TO	2	.646555
1	TO	3	.658061
1	TO	4	.733565
1	TO	5	.462411



THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0536
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0958
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .109775

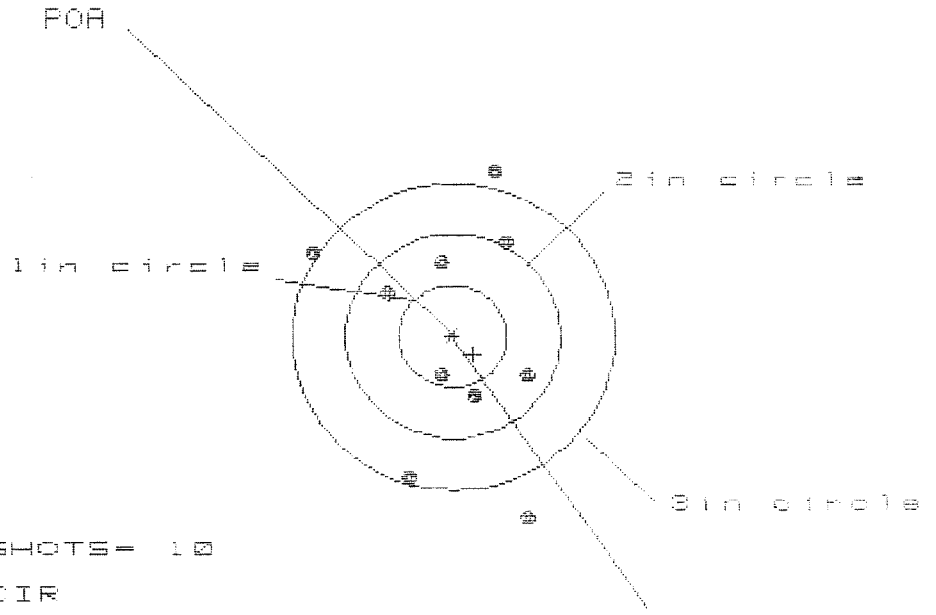
THE AMR FOR THIS RIFLE IS: .9568



PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.663	.658	.676
MINIMUM X	:	-.772	-.777	-.759
MAXIMUM Y	:	1.603	1.516	1.349
MINIMUM Y	:	-1.513	-1.385	-1.352
CENTROID X	:	.404	.409	.391
CENTROID Y	:	.430	.252	.419
POA TO CENTROID in.	:	.590	.480	.573
MIN RADIUS	:	.509	.679	.524
MEAN RADIUS	:	1.083	1.025	.964
MAX RADIUS	:	1.603	1.566	1.457
HORIZONTAL SPREAD	:	1.435	1.435	1.435
VERTICAL SPREAD	:	3.116	2.851	2.701
EXTREME SPREAD	:	3.122	2.865	2.865
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

7 Nov 1989 FILE:/PATTERNING/CENTERFIRE_PATT/06349172

CENTERFIRE PATTERNS # 2

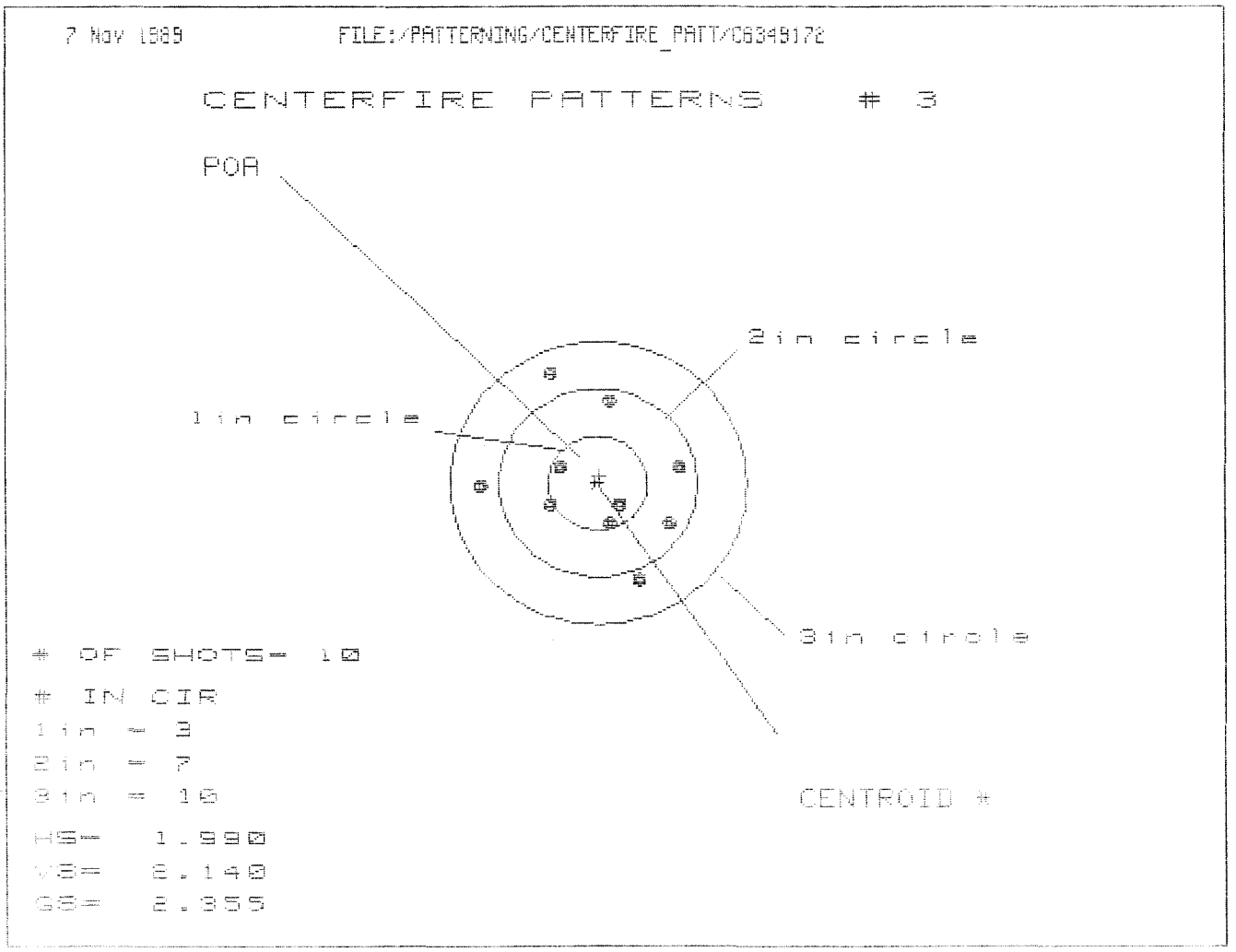


OF SHOTS= 10

IN CIR
1 in = 1
2 in = 5
3 in = 7

HS= 2.063
VS= 3.450
CS= 3.463

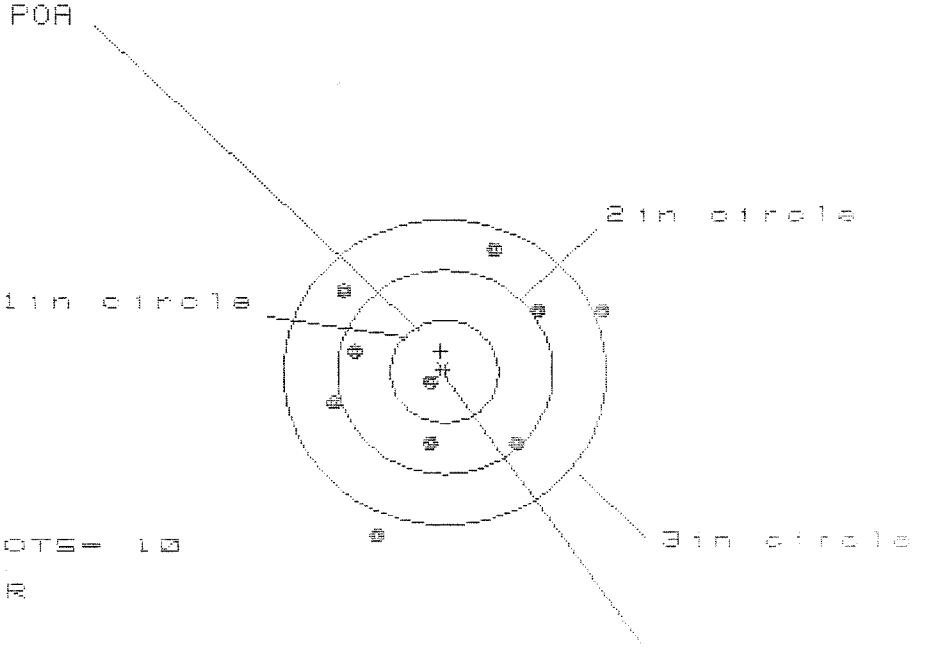
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.721	.799	.859
MINIMUM X	:	-1.342	-1.264	-1.204
MAXIMUM Y	:	1.660	1.461	.895
MINIMUM Y	:	-1.790	-1.547	-1.365
CENTROID X	:	-.191	-.269	-.329
CENTROID Y	:	.177	.376	.184
POA TO CENTROID in.	:	.261	.463	.382
MIN RADIUS	:	.433	.545	.426
MEAN RADIUS	:	1.103	1.002	.922
MAX RADIUS	:	1.922	1.579	1.450
HORIZONTAL SPREAD	:	2.063	2.063	2.063
VERTICAL SPREAD	:	3.450	3.008	2.260
EXTREME SPREAD	:	3.463	3.110	2.438
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.807	.750	.595
MINIMUM X	:	-1.183	-1.240	-.673
MAXIMUM Y	:	1.148	1.002	1.014
MINIMUM Y	:	-.992	-.865	-.853
CENTROID X	:	-.016	.041	.196
CENTROID Y	:	-.074	-.201	-.213
POA TO CENTROID in.	:	.076	.206	.290
MIN RADIUS	:	.357	.229	.124
MEAN RADIUS	:	.792	.715	.628
MAX RADIUS	:	1.260	1.244	1.016
HORIZONTAL SPREAD	:	1.990	1.990	1.268
VERTICAL SPREAD	:	2.140	1.867	1.867
EXTREME SPREAD	:	2.355	2.001	1.891
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

7 Nov 1989 FILE:/PATTERNING/CENTERFIRE_PATT/08349172

CENTERFIRE PATTERNS # 4

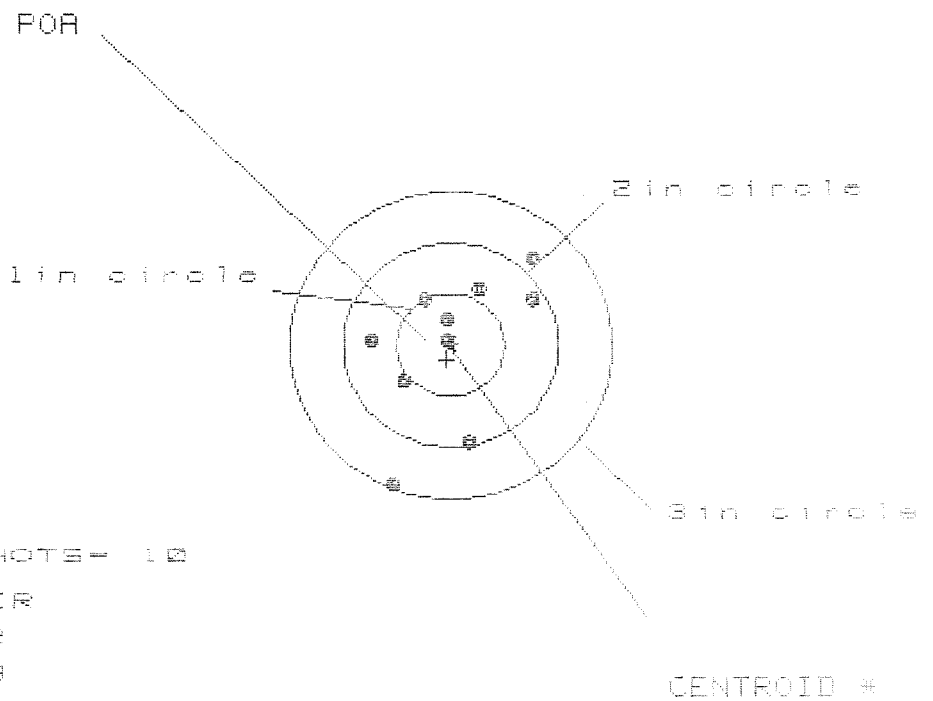


# OF SHOTS= 10
# IN CIR
1in = 1
2in = 3
3in = 8
HS= 2.534
VS= 2.726
GS= 3.026

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.481	1.414	.991
MINIMUM X	:	-1.053	-1.120	-.943
MAXIMUM Y	:	1.171	.998	1.056
MINIMUM Y	:	-1.555	-.911	-.853
CENTROID X	:	.035	.102	-.075
CENTROID Y	:	-.204	-.031	-.089
POA TO CENTROID in.	:	.206	.106	.116
MIN RADIUS	:	.120	.299	.199
MEAN RADIUS	:	1.065	1.010	.918
MAX RADIUS	:	1.668	1.489	1.221
HORIZONTAL SPREAD	:	2.534	2.534	1.934
VERTICAL SPREAD	:	2.726	1.909	1.909
EXTREME SPREAD	:	3.026	2.704	2.221
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

7 Nov 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6349172

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 2
2in = 8
3in = 9

ME= 1.513
MS= 2.260
CS= 2.655

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.813	.743	.080
MINIMUM X	:	-.705	-.770	-.676
MAXIMUM Y	:	.870	.715	.499
MINIMUM Y	:	-1.390	-1.132	-1.042
CENTROID X	:	.036	.101	.007
CENTROID Y	:	.150	.305	.216
POA TO CENTROID in.	:	.155	.321	.216
MIN RADIUS	:	.037	.129	.034
MEAN RADIUS	:	.741	.635	.574
MAX RADIUS	:	1.507	1.138	1.063
HORIZONTAL SPREAD	:	1.518	1.518	1.484
VERTICAL SPREAD	:	2.260	1.847	1.542
EXTREME SPREAD	:	2.655	1.953	1.568
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

RECEIVING AND ESTIMATING REPORT

COMMENTS: M24 SNIPER

ORDER R 96-06343

INITIAL	CUSTOMER ORDER NO.
FFS	

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
02/26/96	02/26/96	EJ 10-89	C6349172		700 7.62 NATO

ACCESSORIES: W/STUDS SCOPE BASE

FROM:

DEPT. OF THE ARMY
A CO. 3RD BATT. 1ST SP. FORCES
BLDG 9177, BOX 339502
FT LEWIS WA 98433

SHIP TO:

DEPT. OF THE ARMY
A CO. 3RD BATT. 1ST SP. FORCES
BLDG 9177, BOX 339502
FT LEWIS WA 98433

CUST NO: 138744 C.O.D.

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA
					UPS

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	A	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

Barrel 96003

COMMENTS

Refinder Coat Trigger Guard Assy Front & Rear Sight Bases Rezinc - Scope Base & Swivel Studs.

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW	RW	C	A	A	
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
KH	3/30/96	4/3/96	4/3/96	4/3/96	

OFFICE COPY

RD8925 REV. 1/94

CLASSIFIED DOCUMENT ACCOUNTABILITY RECORD

For use of this form, see AR 380-5; the proponent agency is the Office, Assistant Chief of Staff for Intelligence.

DATE: 22 FEB 96

SECTION A - GENERAL

TO: REMINGTON ARMS CO., INC.
ATTN: FABRICATED PRODUCTS DEPT.
14 HOEFLER AVE.
ILION, NY 13357-1816

FROM: A COMPANY, 3RD BATT., 1ST SPECIAL FORCES GROUP
FORT LEWIS, WA 98433

DATE RECEIVED	ACTION OFFICE(S)	SUSPENSE DATE(S)	REGISTER OR CONTROL NO.

CONTROL LOG OR FILE NO.	CLASSIFICATION	NUMBER OF COPIES	DESCRIPTION (Type. File Ref.. Unclassified Subject or Short Title and Number of Indorsements/Incls)	DATE OF DOCUMENT	ORIGINATOR
1		2	M24 7.62 SNIPER RIFLE W/SCOPE MOUNTS - 2 EACH SERIAL # C6225412 C6349172	22 FEB 96	M. Deins

SECTION B - ROUTING

TO	COPY NO.	DATE	I ACKNOWLEDGE RECEIPT OF THE MATERIAL DESCRIBED HEREON: PRINTED NAME	SIGNATURE
1.				
2.				
3.				
4.				
5.				

SECTION C - DESTRUCTION CERTIFICATE (Check appropriate block)

MATERIAL DESCRIBED HEREON HAS BEEN:

☐ DESTROYED ☐ TORN IN HALF AND PLACED IN A CLASSIFIED WASTE CONTAINER (AR 380-5)

PAGE OR COPY NO

OFFICE SYMBOL	DATE	PRINTED NAME OF CUSTODIAN OR REP	SIGNATURE
DESTRUCTION RECORD NO.	DATE	PRINTED NAME OF CERTIFYING/DESTR. OFF.	SIGNATURE
PAGE OR COPY NUMBER	DATE	PRINTED NAME OF WITNESSING OFFICIAL	SIGNATURE

SECTION D - REPRODUCTION AUTHORITY

NUMBER OF COPIES TO BE REPRODUCED	AUTHORIZED BY	DATE

SECTION E - RECEIPT/TRACER ACTION (Check appropriate block)

☐ RECEIPT OF DOCUMENT(S) ACKNOWLEDGED ☐ DOCUMENT(S) HAVE NOT BEEN RECEIVED

☐ TRACER ACTION: SIGNED RECEIPT FOR MATERIAL DESCRIBED ABOVE HAS NOT BEEN RECEIVED.

DATE	PRINTED NAME, GRADE OR TITLE	SIGNATURE

COMMENTS

DA FORM 3964, 1 Jul 79 EDITION OF 1 NOV 72 IS OBSOLETE. *U.S. GPO: 1989-246-477

Remington ARMS . :

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

1. ORGANIZATION	2. NOMENCLATURE AND MODEL
A co / 3rd bat 1st special Forces grp	M24 SWS.

3. REGISTRATION/SERIAL/NSN	4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE	6. TYPE INSPECTION

7. APPLICABLE REFERENCE

TM NUMBER	TM DATE	TM NUMBER	TM DATE

COLUMN a — Enter TM item number.

COLUMN b — Enter the applicable condition status symbol.

COLUMN c — Enter deficiencies and shortcomings.

COLUMN d — Show corrective action for deficiency or shortcoming listed in Column c.

COLUMN e — Individual ascertaining completed corrective action initial in this column.

STATUS SYMBOLS

"X"—Indicates a deficiency in the equipment that places it in an inoperable status.

CIRCLED "X"—Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished.

HORIZONTAL DASH "(-)"—Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.

DIAGONAL "(/)"—Indicates a materiel defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable.

LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL-Indicates that a completely satisfactory condition exists.

FOR AIRCRAFT-Status symbols will be recorded in red.

ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.

8a. SIGNATURE (Person(s) performing inspection)	8b. TIME	9a. SIGNATURE (Maintenance Supervisor)	9b. TIME	10. MANHOURS REQUIRED
SSG HAZEN, DONALD Donald C Hazen III				

TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c	CORRECTIVE ACTION d	INITIAL WHEN CORRECTED e
1		C 6225412	Excess of	
2		C 6349192	10,000 RD/Gun	
3		C 6225398	Each Needs rebarreling	
4		C 6348832	T1 Triggers/stocks	
5		C 6225201		
6		C 6225108	Weapon were shot	
7		C 6348740	in Sniper course	
8		C 6225598	They Notified us of	
9		C 6348817	the Need for rebarreling	
10		C 6225376	do to Excess rounds	
11		C 6348872	And Poor Shot Performance	
		Each weapon	has scope mount	
		POC. SSG	HAZEN,	
		3 Bat 1	ST S.F. Group	
		206	-967-8815	

DA FORM 1 APR 79 2404 — Replaces edition of 1 Jan 64, which will be used

M-24 New Barrel

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349172

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		3/20/96	RW
600	Proof		3/20/96	RW
607	Check Headspace		3/20/96	RW
610	Dis-assemble Gun		3/20/96	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		4/2/96	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/2/96	RW
	C) Inspect Ejector Hole for Chamfer		4/2/96	RW
	D) Oil Firing Pin Ass'y		4/2/96	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			
	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		4/3/96	AC
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clearity of Scope			
645	Inspect for Live Ammo		4/3/96	AC
655	Final Inspection A) Headspace		4/4/96	RW
	B) Trigger Pull			
	C) Function		4/4/96	RW
660	Pack			

SWS/Repair

Final Inspection

Sn: C6349172 | Date Rec'd: 2/26/96 | 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 # C6349172
5 Feb 1900

CENTROIDAL DISTANCES

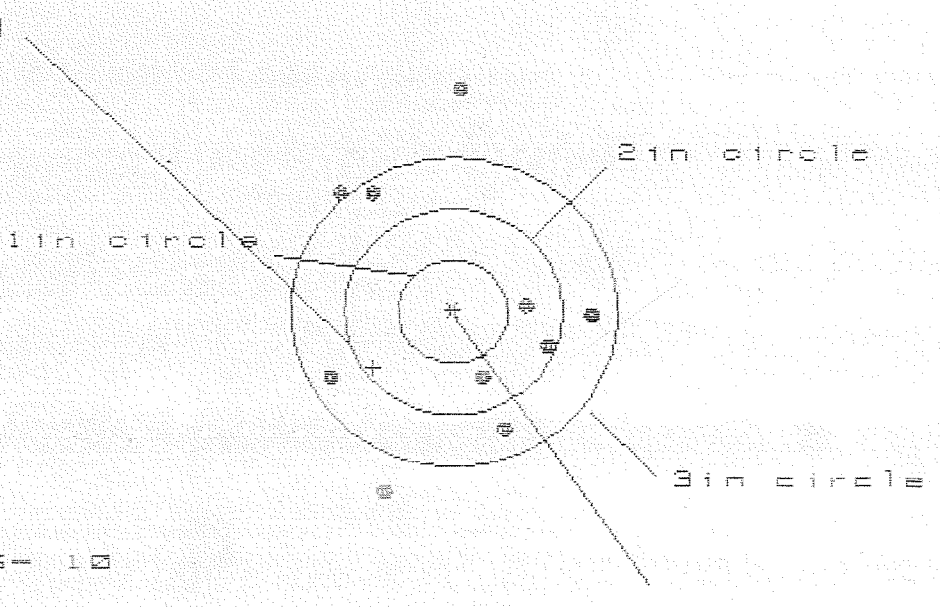
0	TO	1	.910271
1	TO	2	.73657
1	TO	3	.219864
1	TO	4	.423249
1	TO	5	.631482

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4448
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .796
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .911846

THE AMR FOR THIS RIFLE IS: 1.204

5 Feb 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6349172.1

CENTERFIRE PATTERNS # 1

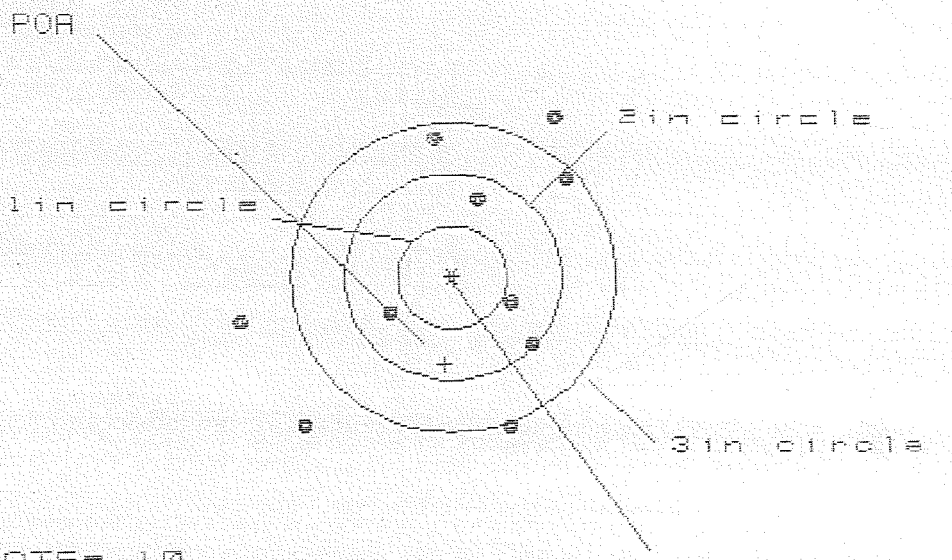


# OF SHOTS= 10
# IN CIR
1in = 0
2in = 3
3in = 7
HS= 2.342
VS= 3.919
CS= 3.977

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.237	1.241	1.162
MINIMUM X	:	-1.105	-1.101	-1.180
MAXIMUM Y	:	2.152	1.394	1.203
MINIMUM Y	:	-1.767	-1.528	-1.094
CENTROID X	:	.735	.731	.810
CENTROID Y	:	.537	.298	.489
POA TO CENTROID in.	:	.910	.789	.946
MIN RADIUS	:	.655	.476	.585
MEAN RADIUS	:	1.299	1.160	1.099
MAX RADIUS	:	2.152	1.756	1.663
HORIZONTAL SPREAD	:	2.342	2.342	2.342
VERTICAL SPREAD	:	3.919	2.922	2.297
EXTREME SPREAD	:	3.977	2.954	2.781
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

5 Feb 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6349172.1

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

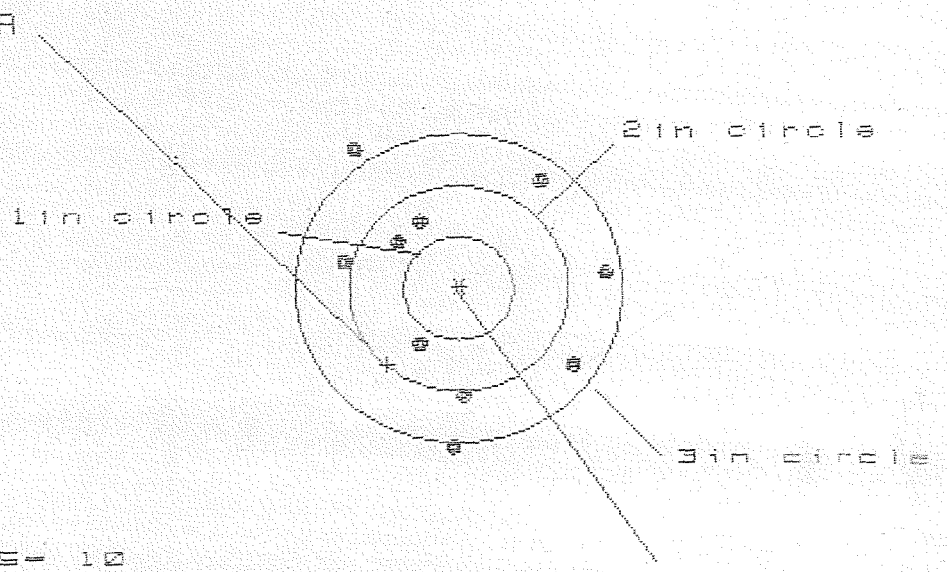
# IN CIR
1in = 0
2in = 3
3in = 7

MS= 3.045
VS= 2.970
GS= 3.739

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.029	.816	.622
MINIMUM X	:	-1.917	-1.551	-.942
MAXIMUM Y	:	1.550	1.497	1.313
MINIMUM Y	:	-1.419	-1.473	-1.630
CENTROID X	:	.065	.278	.472
CENTROID Y	:	.843	.896	1.080
POA TO CENTROID in.	:	.845	.938	1.178
MIN RADIUS	:	.547	.406	.488
MEAN RADIUS	:	1.290	1.181	1.036
MAX RADIUS	:	1.976	2.139	1.632
HORIZONTAL SPREAD	:	2.946	2.367	1.564
VERTICAL SPREAD	:	2.970	2.970	2.943
EXTREME SPREAD	:	3.739	3.739	2.976
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

5 Feb 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C0345172.1

CENTERFIRE PATTERNS # 3

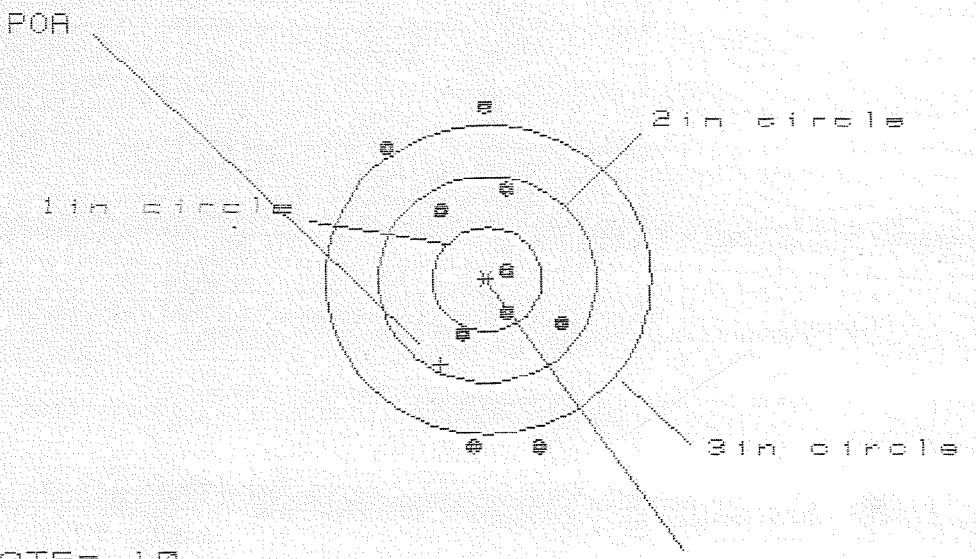


# OF SHOTS= 10
# IN CIR
1in = 0
2in = 3
3in = 8
HS= 2.403
VS= 2.875
GS= 3.024

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.395	1.286	1.266
MINIMUM X	:	-1.008	-1.117	-1.137
MAXIMUM Y	:	1.331	1.210	1.036
MINIMUM Y	:	-1.544	-1.397	-1.058
CENTROID X	:	.653	.762	.782
CENTROID Y	:	.741	.594	.768
POA TO CENTROID in.	:	.988	.966	1.096
MIN RADIUS	:	.602	.560	.699
MEAN RADIUS	:	1.127	1.067	1.018
MAX RADIUS	:	1.656	1.405	1.270
HORIZONTAL SPREAD	:	2.403	2.403	2.403
VERTICAL SPREAD	:	2.875	2.607	2.094
EXTREME SPREAD	:	3.024	2.712	2.406
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

5 Feb 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6345172.1

CENTERFIRE PATTERNS # 4



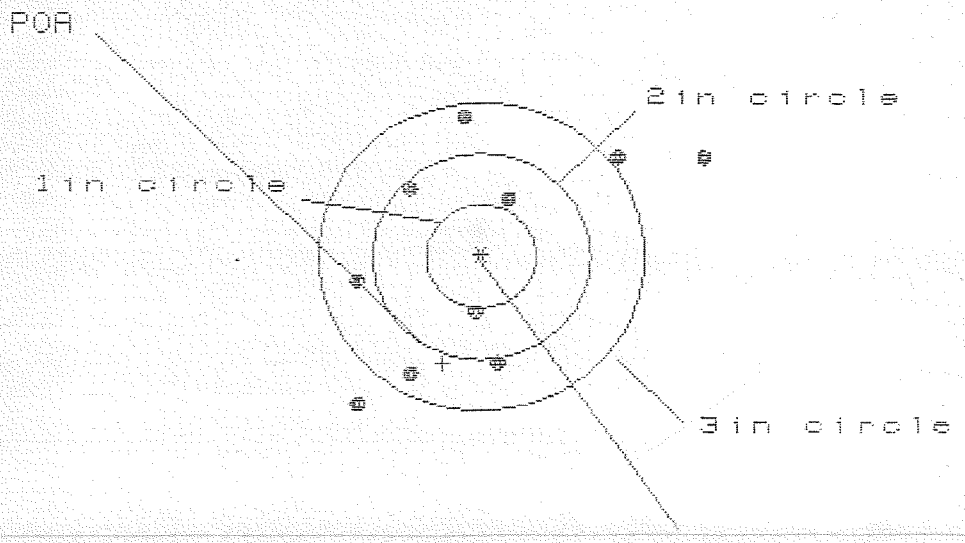
OF SHOTS= 10

1in = 2
2in = 6
3in = 6
HS= 1.625
VS= 3.325
GS= 3.326

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.703	.755	.751
MINIMUM X	:	-.922	-.870	-.874
MAXIMUM Y	:	1.657	1.479	1.248
MINIMUM Y	:	-1.667	-1.846	-.950
CENTROID X	:	.423	.371	.375
CENTROID Y	:	.823	1.001	1.232
POA TO CENTROID in.	:	.925	1.068	1.288
MIN RADIUS	:	.151	.242	.418
MEAN RADIUS	:	1.026	.961	.851
MAX RADIUS	:	1.673	1.846	1.249
HORIZONTAL SPREAD	:	1.625	1.625	1.625
VERTICAL SPREAD	:	3.325	3.325	2.198
EXTREME SPREAD	:	3.326	3.326	2.338
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		6	

5 Feb 1988 FILE:/PATTERNING/CENTERFIRE_PATT/C6349172.1

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 0
2in = 3
3in = 7

HS= 3.252
VS= 2.741
GS= 4.002

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.101	1.492	1.377
MINIMUM X	:	-1.151	-.918	-1.029
MAXIMUM Y	:	1.331	1.434	1.270
MINIMUM Y	:	-1.410	-1.307	-1.217
CENTROID X	:	.348	.115	.230
CENTROID Y	:	1.036	.933	1.097
POA TO CENTROID in.	:	1.093	.940	1.120
MIN RADIUS	:	.573	.503	.604
MEAN RADIUS	:	1.276	1.133	1.071
MAX RADIUS	:	2.294	1.852	1.664
HORIZONTAL SPREAD	:	3.252	2.410	2.406
VERTICAL SPREAD	:	2.741	2.741	2.487
EXTREME SPREAD	:	4.002	3.404	2.856

NUMBER IN ONE INCH CIRCLE = 0
NUMBER IN TWO INCH CIRCLE = 3
NUMBER IN THREE INCH CIRCLE = 7