

C6225398

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Smead
III
M. 3 12 9 E I








RE00062254

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225398.___0
FILE DATE AND TIME: 03/21/2003 15:20

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.096
The Average Y Centroid of the Five Target Set:	-0.034
The Average Point of Impact of the Five Target Set:	0.102
The Average Mean Radius of the Five Target Set:	0.645
The Distance from POA to Centroid Target #1:	0.212
The Distance from Centroid Target #2 to Centroid Target #1:	0.397
The Distance from Centroid Target #3 to Centroid Target #1:	0.137
The Distance from Centroid Target #4 to Centroid Target #1:	0.141
The Distance from Centroid Target #5 to Centroid Target #1:	0.075

SERIAL NUMBER: C6225398. __0

TARGET NUMBER: 1

FILE DATE: 03/21/2003

FILE TIME: 15:20

POINT#	X	Y
1:	0.960	0.545
2:	0.297	0.406
3:	-0.481	0.937
4:	-1.361	0.121
5:	-0.945	-0.452
6:	-0.307	-0.875
7:	0.205	-0.574
8:	0.071	-0.290
9:	-0.110	-0.104
10:	-0.420	-0.069

X CENTROID: -0.209

Y CENTROID: -0.035

POA TO CENTROID: 0.212

HORZ SPREAD: 2.321

VERT SPREAD: 1.812

GROUP SPREAD: 2.359

MIN RADIUS: 0.120

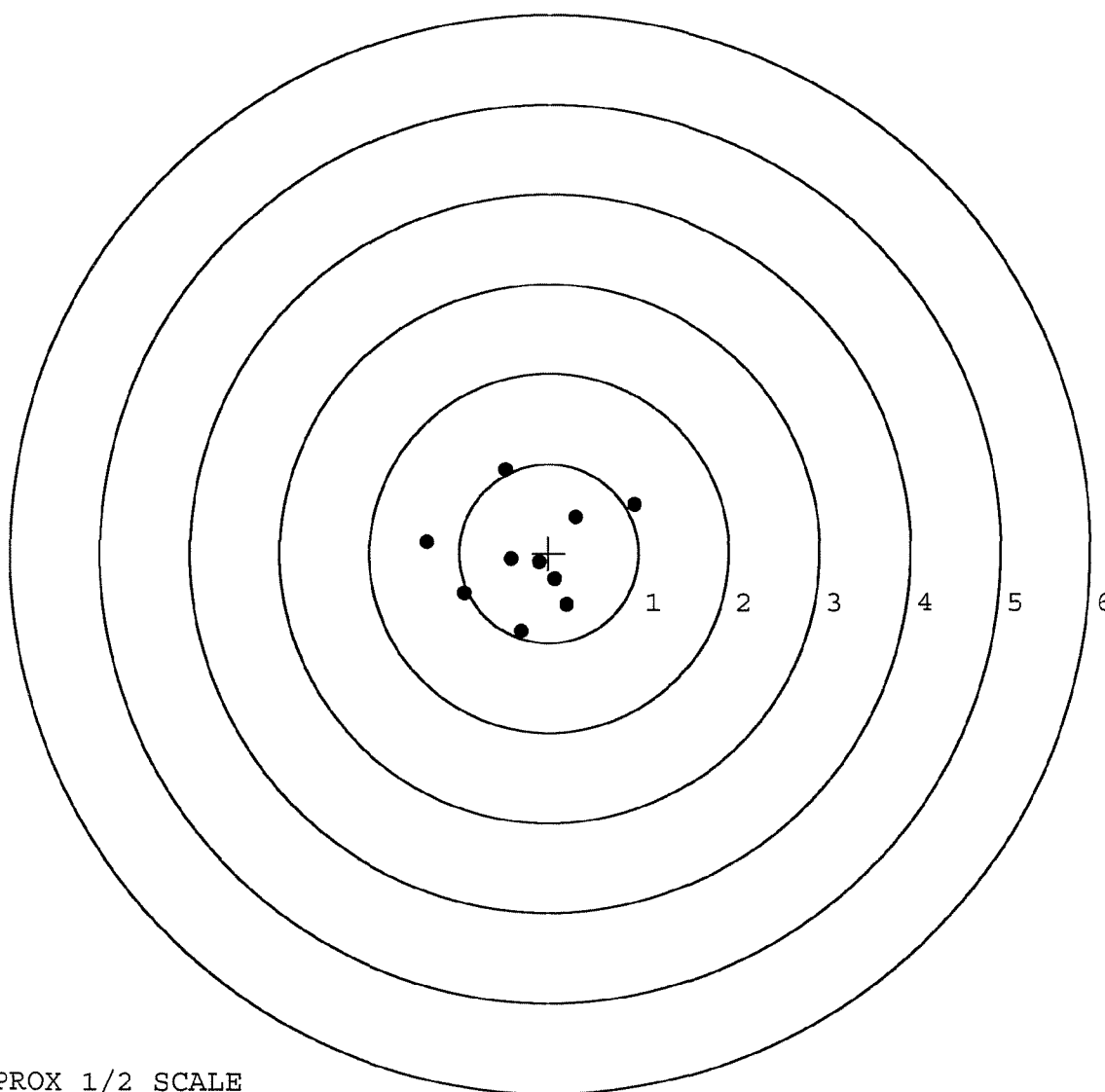
MAX RADIUS: 1.305

MEAN RADIUS: 0.723

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



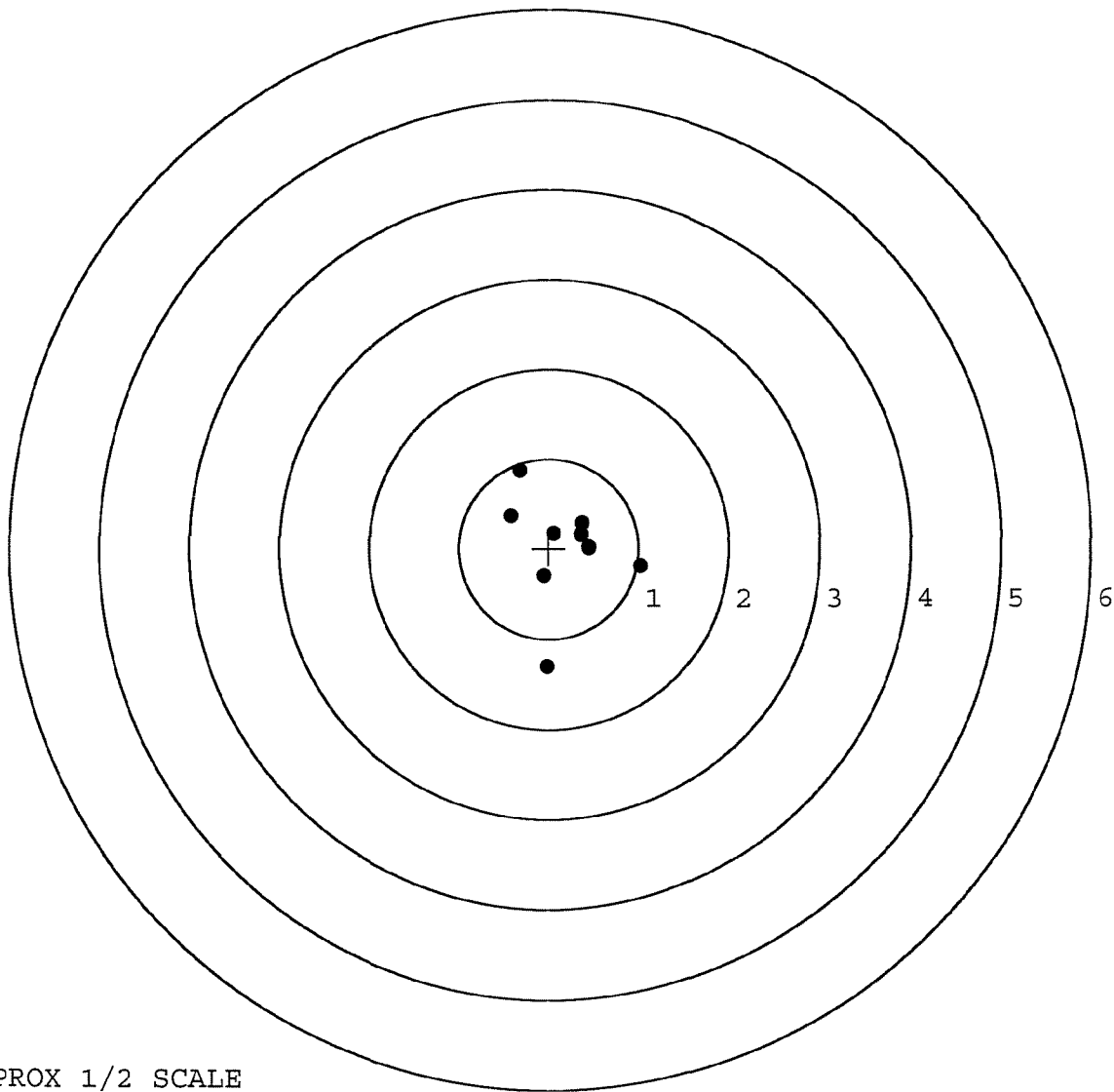
TARGET APPROX 1/2 SCALE

BARBER - M24 0059980

SERIAL NUMBER: C6225398. __0
 TARGET NUMBER: 2
 FILE DATE: 03/21/2003
 FILE TIME: 15:20

POINT#	X	Y
1:	1.020	-0.203
2:	-0.022	-1.309
3:	-0.056	-0.307
4:	-0.428	0.364
5:	-0.325	0.867
6:	0.059	0.169
7:	0.446	0.022
8:	0.355	0.159
9:	0.372	0.285
10:	0.442	-0.004

X CENTROID: 0.186
 Y CENTROID: 0.004
 POA TO CENTROID: 0.186
 HORZ SPREAD: 1.448
 VERT SPREAD: 2.176
 GROUP SPREAD: 2.197
 MIN RADIUS: 0.208
 MAX RADIUS: 1.330
 MEAN RADIUS: 0.559
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225398. __0

TARGET NUMBER: 3

FILE DATE: 03/21/2003

FILE TIME: 15:20

POINT#	X	Y
1:	0.762	0.152
2:	0.338	-0.193
3:	-0.363	-0.381
4:	-0.510	-0.541
5:	-0.703	-0.656
6:	-0.783	0.476
7:	-0.140	0.809
8:	-0.066	0.547
9:	0.089	0.395
10:	0.117	0.123

X CENTROID: -0.126

Y CENTROID: 0.073

POA TO CENTROID: 0.146

HORZ SPREAD: 1.545

VERT SPREAD: 1.465

GROUP SPREAD: 1.673

MIN RADIUS: 0.248

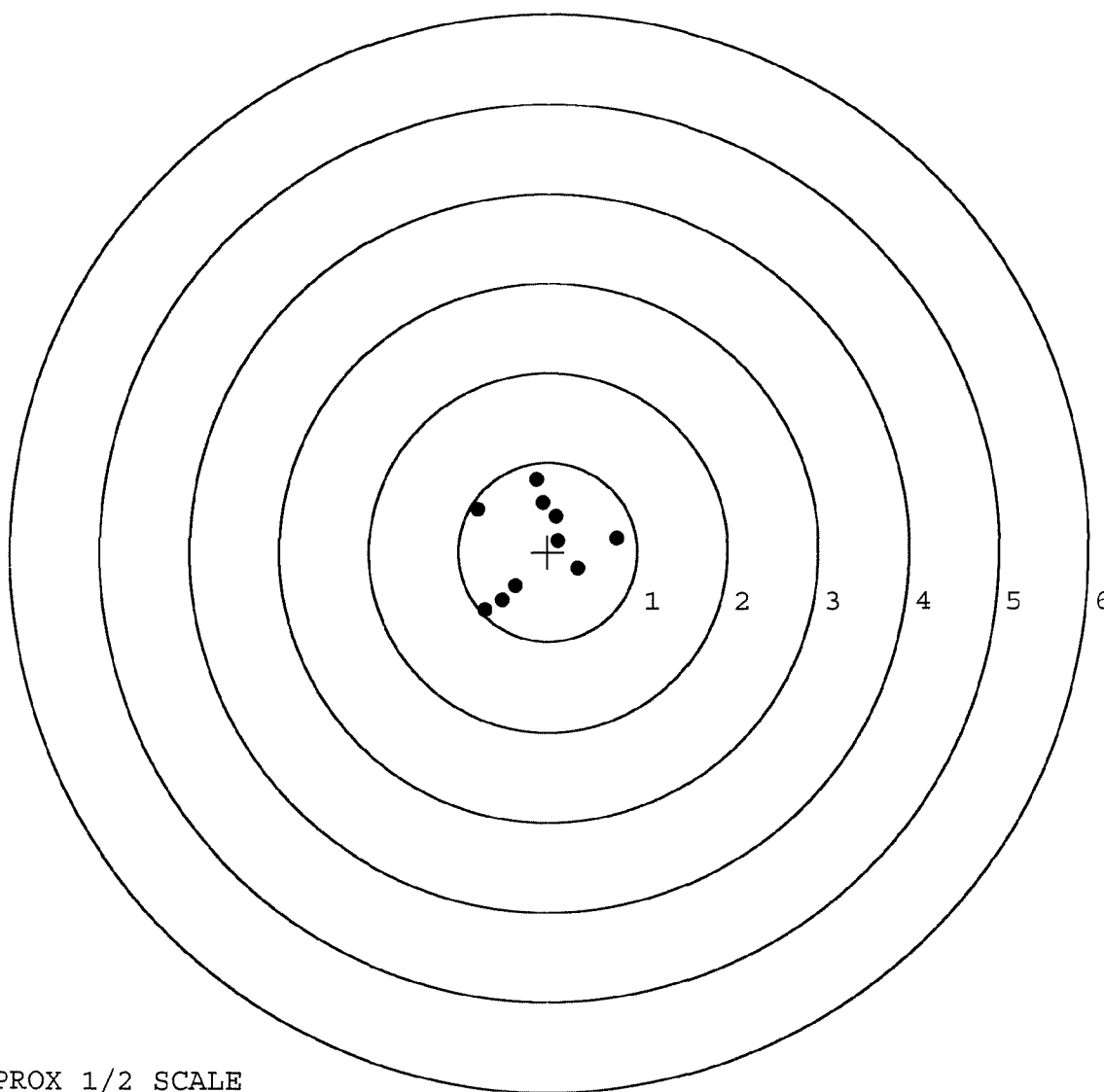
MAX RADIUS: 0.930

MEAN RADIUS: 0.621

IN 1 IN DIAMETER: 3

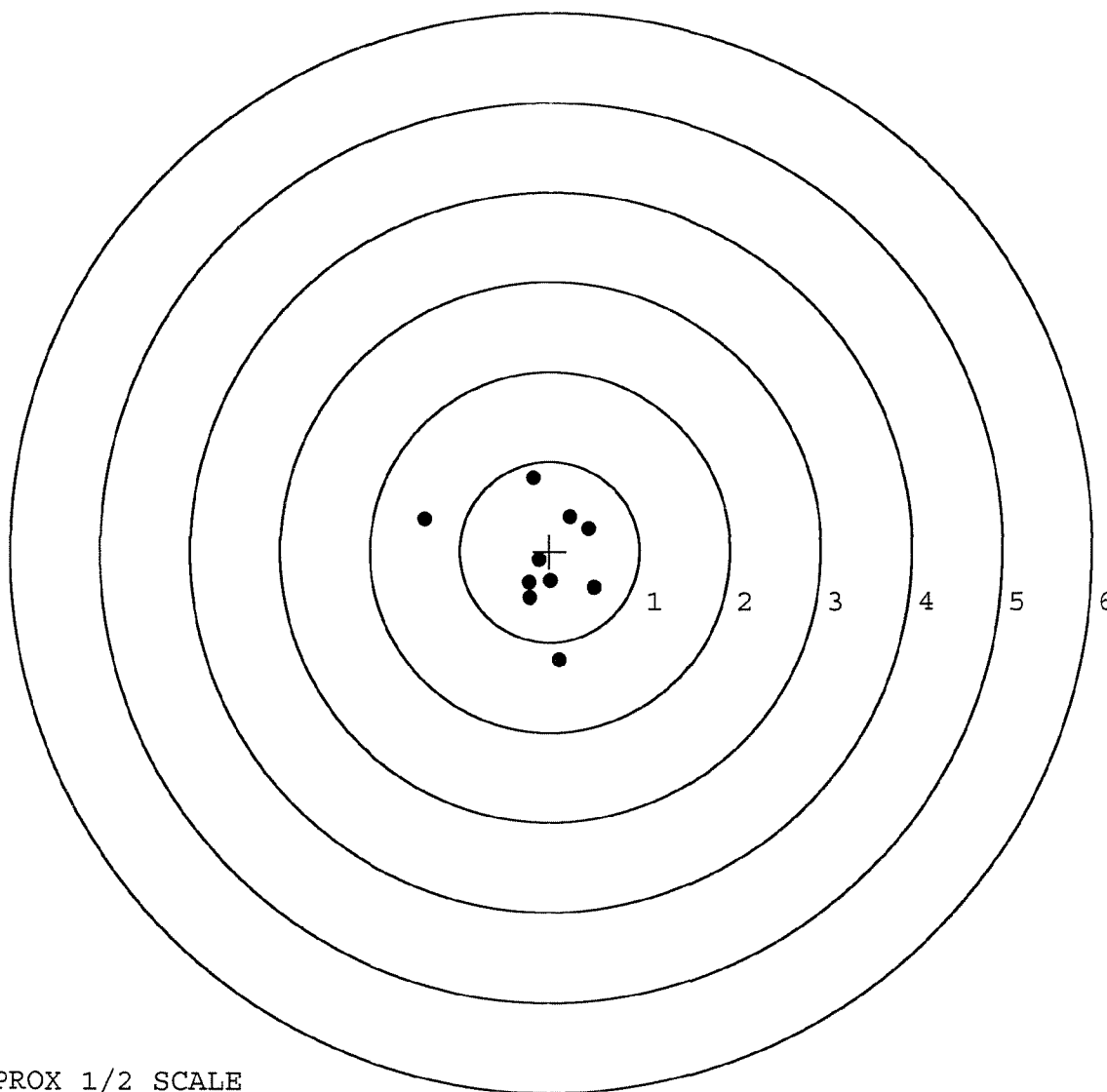
IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225398. __0	POINT#	X	Y
TARGET NUMBER: 4	1:	0.495	-0.400
FILE DATE: 03/21/2003	2:	0.109	-1.204
FILE TIME: 15:20	3:	-1.394	0.360
	4:	-0.191	0.814
X CENTROID: -0.089	5:	0.224	0.385
Y CENTROID: -0.109	6:	0.433	0.248
POA TO CENTROID: 0.141	7:	-0.122	-0.099
HORZ SPREAD: 1.889	8:	0.009	-0.332
VERT SPREAD: 2.018	9:	-0.227	-0.349
GROUP SPREAD: 2.169	10:	-0.222	-0.514
MIN RADIUS: 0.035			
MAX RADIUS: 1.387			
MEAN RADIUS: 0.628			
# IN 1 IN DIAMETER: 4			
# IN 2 IN DIAMETER: 8			
# in 3 IN DIAMETER: 10			

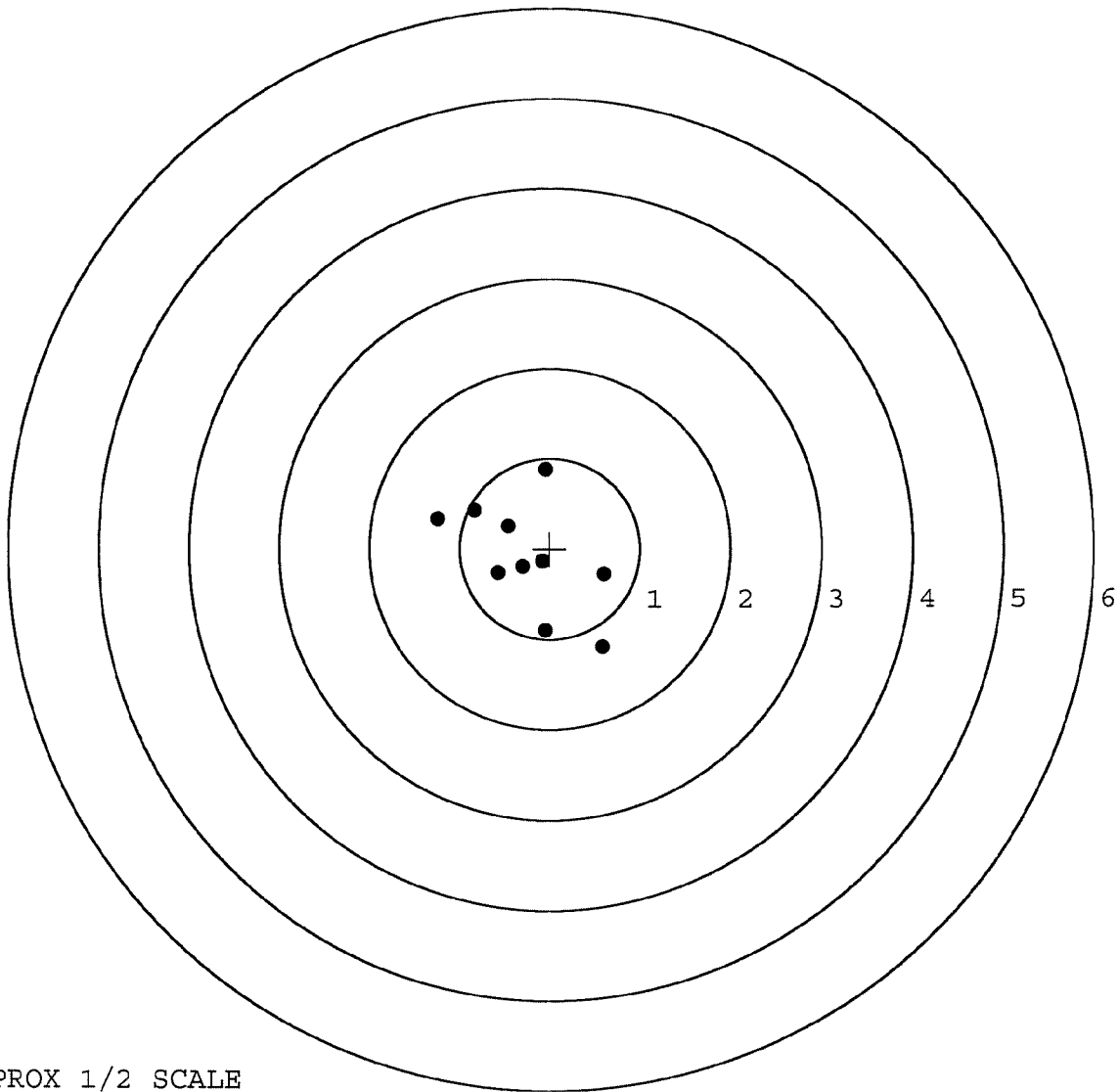


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225398. __0
 TARGET NUMBER: 5
 FILE DATE: 03/21/2003
 FILE TIME: 15:20

POINT#	X	Y
1:	0.592	-1.090
2:	-0.050	-0.911
3:	0.605	-0.286
4:	-0.082	-0.145
5:	-0.306	-0.204
6:	-0.580	-0.273
7:	-0.466	0.249
8:	-0.834	0.421
9:	-1.242	0.332
10:	-0.050	0.878

X CENTROID: -0.241
 Y CENTROID: -0.103
 POA TO CENTROID: 0.262
 HORZ SPREAD: 1.847
 VERT SPREAD: 1.968
 GROUP SPREAD: 2.321
 MIN RADIUS: 0.120
 MAX RADIUS: 1.292
 MEAN RADIUS: 0.695
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER	62254		
SERIAL NUMBER	C6225398		
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 OPERATOR	3-7-03	JP
615	ROLLMARK CALIBER	3-7-03	JB
618	ROTO-BLAST	3-10-03	KD
620	APPLY COATINGS	3-18	TA
625 A	FINAL ASSEMBLY	3-19-03	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-20-03	AC
655	FINAL INSPECT	3-21-03	RTL
660	PACK	3-21-03	DA
		SHIP DATE	
	QAR INSPECTION DATE		

Remington[®]

Remington

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

MODEL 700TM H24

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

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

SERIAL NO.
C6225398

ORDER NO.
5716

01

5716 C6225398

UPC

0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

INTERCHANGEABILITY

GUN SERIAL # C6225398

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	4 12 89	RW
600	Proof		4 12 89	RW
607	Check Headspace		4 12 89	RW
610	Dis-assemble Gun		4 12 89	RW
612	Magnaflux Barrel Action		4/13/89	KCR
	Magnaflux Bolt		4/14/89	KCR
615	Rollmark Caliber		4/15/89	DS
617	Drill and Tap Sight Holes	4 14 89		YB
618	Polish Barrel RB	4 14 89		BT
620	Apply Coatings (Barrel Action)		4/20/89	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		4/20/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/20/89	RW
	C) Inspect Ejector Hole for Chamfer		4/20/89	RW
	D) Oil Firing Pin Ass'y		4/20/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/21/89	Y.S.

op. #	BARBER - M24 0059987 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4/21/89	JJ
	G) Safety Off Force	3	3	3			4/21/89	JJ
	H) Trigger Pull Test & Retainability						4/21/89	S.S.
	I) Firing Pin Indent	.020	.020	.020			4/21/89	JJ
	J) Assemble Stock						4/24/89	RW
	K) Assemble Swivel Studs						26 April 89	JS
	L) Attach Front and Rear Sight Assemblies						4/24/89	RW
	M) Iron Sight Alignment						4/24/89	RW
	N) Detach Front & Rear Sights & place in numbered container						4/24/89	RW
	O) Attach Scope to Rifle						4/24/89	JJ
	P) Detach & Attach Scope 20 Times						4/24/89	JJ
640	Gallery Target & Test	75 R	75 L				4-25-89	AC
	A) Time						11	AC
	B) Malfunctions						11	AC
	C) Pierced Primers						11	AC
	D) Optical Clarity of Scope						11	AC
645	Inspect for Live Ammo						4-25-89	AC
655	Final Inspection A) Headspace						26 April 89	JS
	B) Trigger Pull	2.07	2.30	2.27	2.18	2.12	26 April 89	JS
	C) Function						26 April 89	JS
660	Pack						27 June 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C625398

DATE 3-30-90

TESTER JEL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.38	2.39		2.41	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.37		2.40	
PULL #3	2.32	2.41		2.38	
PULL #4	2.36	2.35		2.41	
PULL #5	2.20	2.37		2.28	
TOTAL	11.64	11.89		11.88	
AVG.	2.328	2.378		2.376	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.42		
PULL #2	3.48	3.43		
PULL #3	3.35	3.47		
PULL #4	3.53	3.50		
PULL #5	3.08	3.39		
TOTAL	16.82	17.21		
AVG.	3.364	3.442		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.26		
PULL #2	4.31	4.16		
PULL #3	4.14	4.31		
PULL #4	4.24	4.26		
PULL #5	4.28	4.26		
TOTAL	21.17	21.25		
AVG.	4.234	4.25		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225398
26 Apr 1989

CENTROIDAL DISTANCES

0 TO	1	.598535
1 TO	2	.0771038
1 TO	3	.846568
1 TO	4	1.12718
1 TO	5	.768505

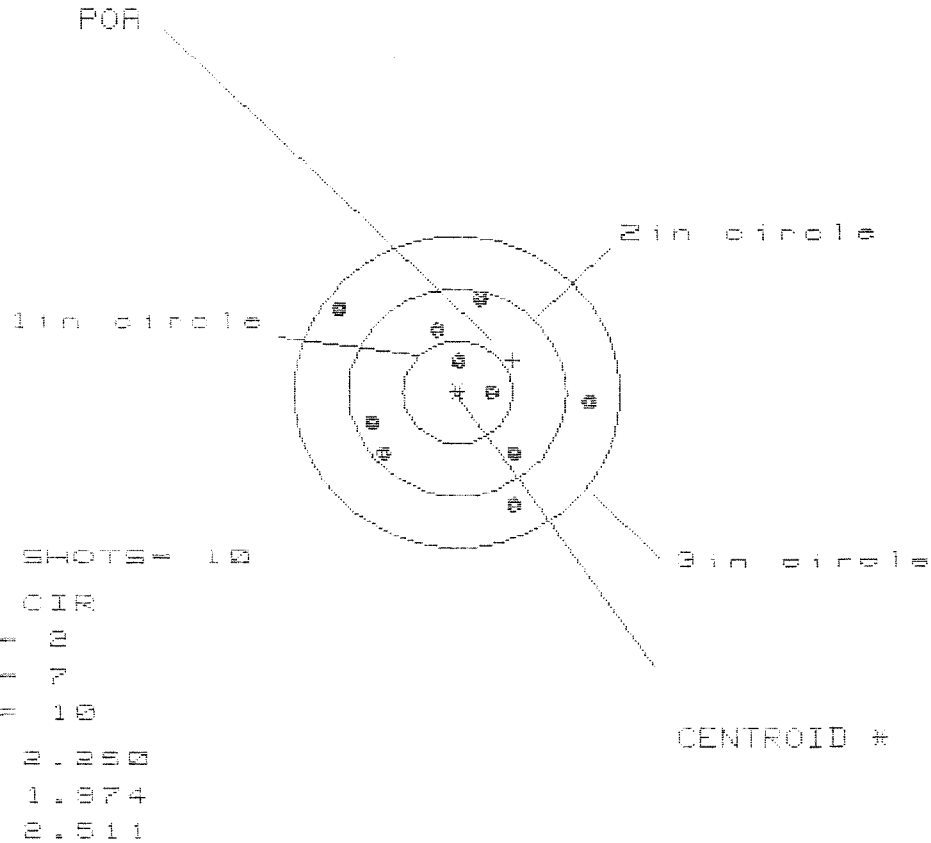
5
8 9 + <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.088
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.164
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .186118
THE AMR FOR THIS RIFLE IS: 1.013

26 Apr 1985

FILE:/PATTERNING/CENTERFIRE_PATT/06225398

CENTERFIRE PATTERNS # 1



PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.189	1.071	1.125
MINIMUM X	-1.061	-.955	-.901
MAXIMUM Y	.885	.977	.853
MINIMUM Y	-1.089	-.997	-.607
CENTROID X	-.512	-.394	-.448
CENTROID Y	-.310	-.402	-.278
POA TO CENTROID in.	.598	.563	.527
MIN RADIUS	.265	.237	.242
MEAN RADIUS	.844	.782	.726
MAX RADIUS	1.349	1.088	1.130
HORIZONTAL SPREAD	2.250	2.026	2.026
VERTICAL SPREAD	1.974	1.974	1.460
EXTREME SPREAD	2.511	2.036	2.036
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

26 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225399

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS = 2.580

VS = 2.777

GS = 3.657

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.017	.843	.929
MINIMUM X	:	-1.563	-.771	-.684
MAXIMUM Y	:	1.315	1.153	1.292
MINIMUM Y	:	-1.462	-1.211	-1.072
CENTROID X	:	-.436	-.262	-.348
CENTROID Y	:	-.323	-.161	-.300
POA TO CENTROID in.	:	.543	.308	.460
MIN RADIUS	:	.178	.120	.150
MEAN RADIUS	:	1.040	.902	.841
MAX RADIUS	:	2.140	1.436	1.361
HORIZONTAL SPREAD	:	2.580	1.614	1.614
VERTICAL SPREAD	:	2.777	2.364	2.364
EXTREME SPREAD	:	3.657	2.744	2.613
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

26 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225398

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 2

2in = 4

3in = 7

HS = 1.879

VS = 3.808

GS = 3.824

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.870	.927	.854
MINIMUM X	:	-1.009	-.952	-1.025
MAXIMUM Y	:	1.566	1.317	1.054
MINIMUM Y	:	-2.242	-2.099	-1.209
CENTROID X	:	.133	.076	.149
CENTROID Y	:	-.355	-.106	.157
POA TO CENTROID in.	:	.379	.130	.216
MIN RADIUS	:	.176	.144	.399
MEAN RADIUS	:	1.185	1.027	.891
MAX RADIUS	:	2.301	2.179	1.357
HORIZONTAL SPREAD	:	1.879	1.879	1.879
VERTICAL SPREAD	:	3.808	3.416	2.263
EXTREME SPREAD	:	3.824	3.736	2.349
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

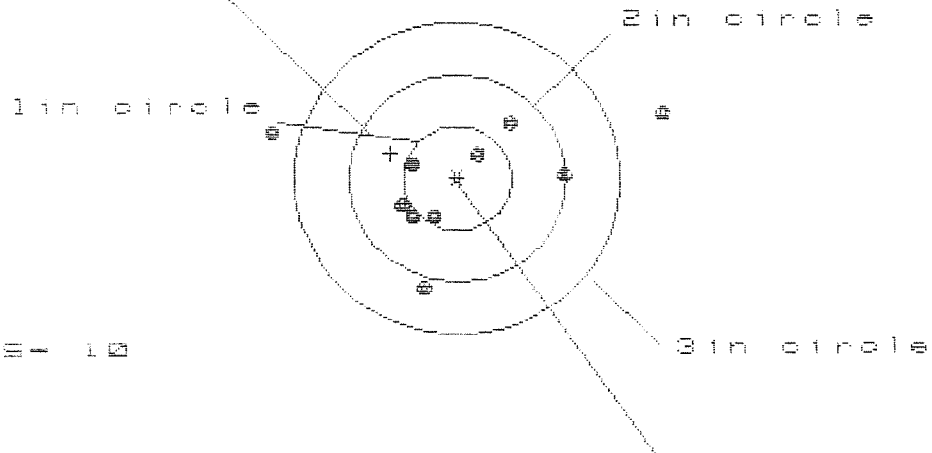
26 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225398

CENTERFIRE PATTERNS

4

POR



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 8

HS= 3.574

VS= 1.624

GS= 3.578

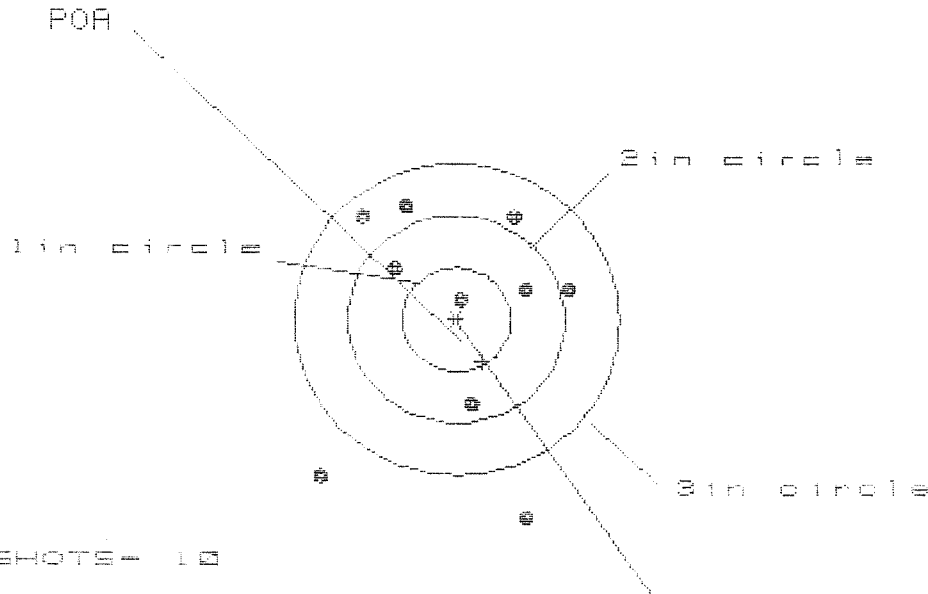
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.845	1.211	1.620
MINIMUM X	:	-1.729	-1.524	-1.528
MAXIMUM Y	:	.603	.615	.678
MINIMUM Y	:	-1.021	-.954	-.990
CENTROID X	:	.613	.408	.599
CENTROID Y	:	-.240	-.387	-.370
POR TO CENTROID in.	:	.658	.511	.704
MIN RADIUS	:	.347	.254	.320
MEAN RADIUS	:	.886	.730	.631
MAX RADIUS	:	1.941	1.606	1.028
HORIZONTAL SPREAD	:	3.574	2.735	1.549
VERTICAL SPREAD	:	1.624	1.569	1.569
EXTREME SPREAD	:	3.578	2.771	1.796
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

26 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225398

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 2.336

VS= 2.990

GS= 3.217

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.037
MINIMUM X	-1.299
MAXIMUM Y	1.098
MINIMUM Y	-1.892
CENTROID X	-.238
CENTROID Y	.488
POA TO CENTROID in.	.472
MIN RADIUS	.178
MEAN RADIUS	1.112
MAX RADIUS	2.015
HORIZONTAL SPREAD	2.336
VERTICAL SPREAD	2.990
EXTREME SPREAD	3.217
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	8

CENTROIDAL DISTANCE CALCULATIONS
 FOR RIFLE # 06225398
 13 Jun 1989

INTERCHANGEABILITY

CENTROIDAL DISTANCES

0 TO	1	.230801
1 TO	2	.262574
1 TO	3	.339178
1 TO	4	.732069
1 TO	5	1.0917

435 (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1014
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1084
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .148434
 THE AMR FOR THIS RIFLE IS: .8204

9 Jun 1988

FILE:/PATTERNING/CENTERFIRE_PATT/03225398.1

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 2.000

VS= 2.273

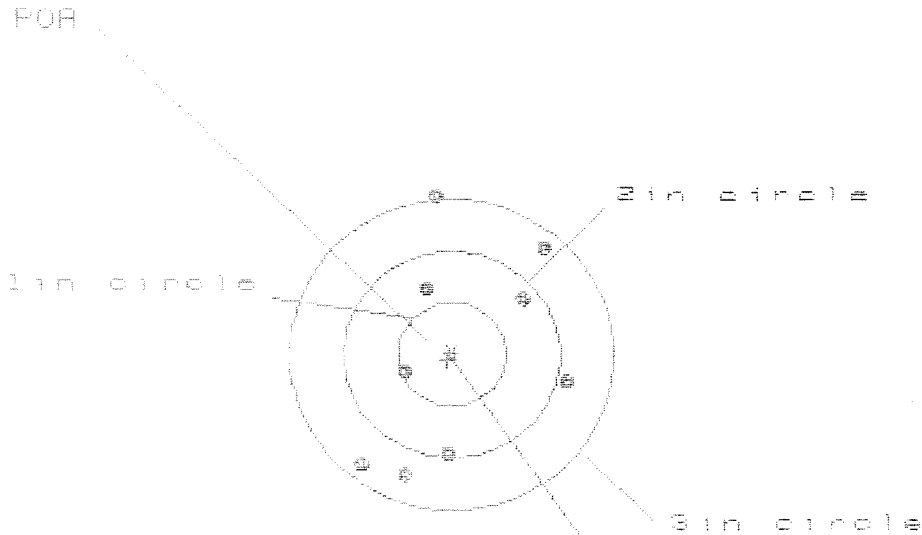
GS= 2.273

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.963	.931	.796
MINIMUM X	-1.045	-1.077	-1.009
MAXIMUM Y	1.229	1.024	1.011
MINIMUM Y	-1.044	-.907	-.920
CENTROID X	.138	.170	.304
CENTROID Y	-.185	-.322	-.309
POA TO CENTROID in.	.231	.364	.434
MIN RADIUS	.067	.135	.155
MEAN RADIUS	.874	.827	.778
MAX RADIUS	1.263	1.157	1.240
HORIZONTAL SPREAD	2.008	2.008	1.686
VERTICAL SPREAD	2.273	1.931	1.931
EXTREME SPREAD	2.279	2.010	1.969
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

5 Jun 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225398.1

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 1.982

VS= 2.675

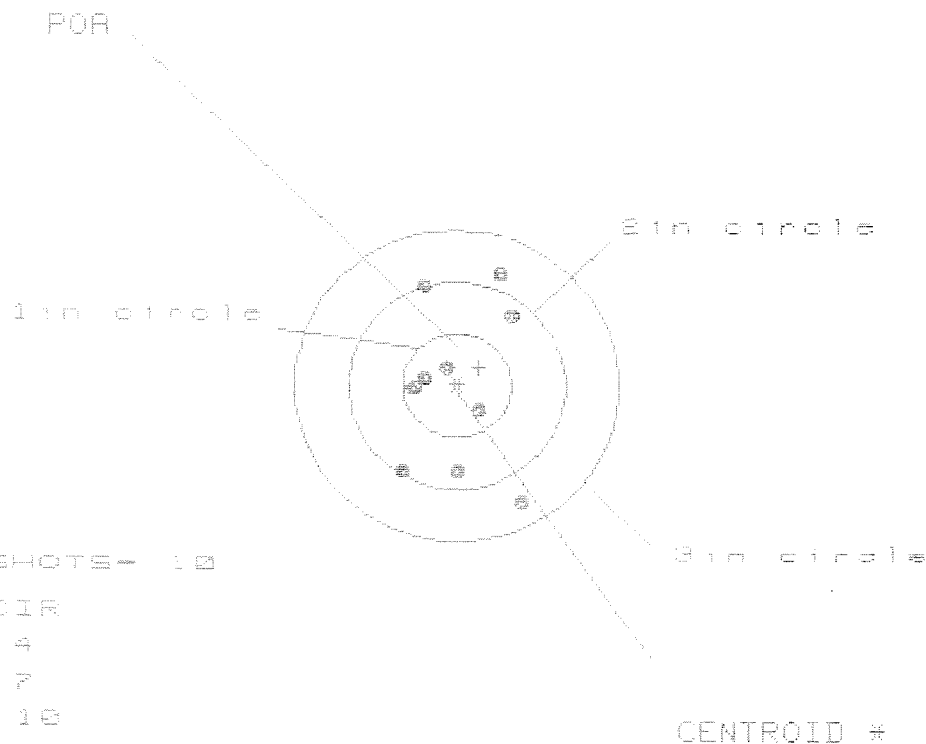
CS= 2.730

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.096	1.001	.968
MINIMUM X	-.886	-.901	-.583
MAXIMUM Y	1.502	1.169	1.056
MINIMUM Y	-1.173	-1.006	-1.119
CENTROID X	.041	.056	.169
CENTROID Y	.059	-.108	.005
POA TO CENTROID in.	.072	.122	.169
MIN RADIUS	.476	.466	.587
MEAN RADIUS	1.007	.940	.904
MAX RADIUS	1.508	1.461	1.304
HORIZONTAL SPREAD	1.982	1.982	1.551
VERTICAL SPREAD	2.675	2.175	2.175
EXTREME SPREAD	2.730	2.730	2.556
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

9 Jun 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225398.1

CENTERFIRE PATTERNS # 3



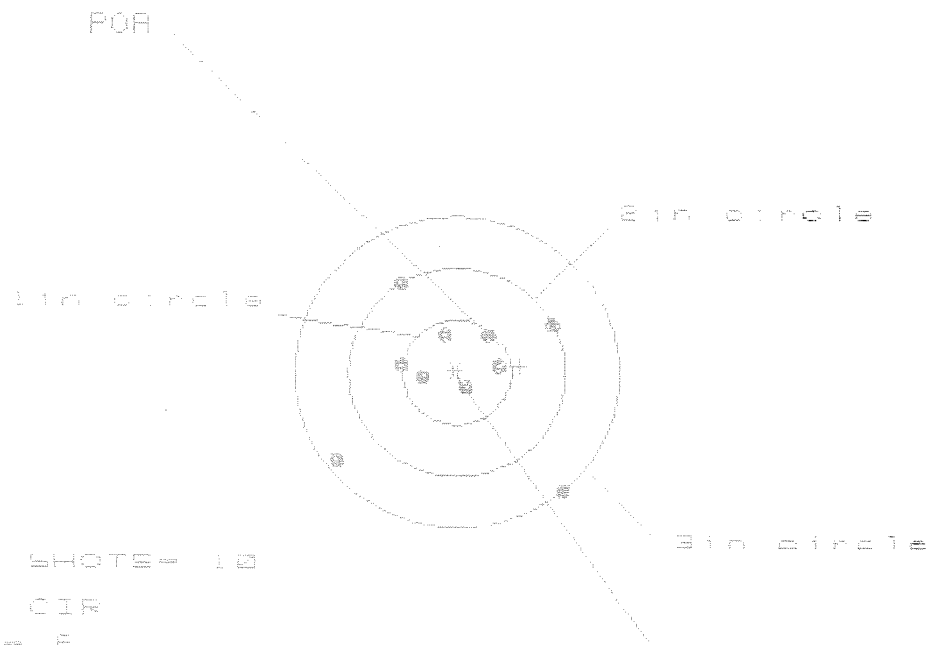
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.629	.591	.652
MINIMUM X	-.522	-.452	-.331
MAXIMUM Y	1.044	.915	.928
MINIMUM Y	-1.165	-.922	-.808
CENTROID X	-.201	-.271	-.332
CENTROID Y	-.174	-.044	-.158
POR TO CENTROID in.	.266	.274	.358
MIN RADIUS	.244	.099	.135
MEAN RADIUS	.725	.638	.572
MAX RADIUS	1.324	1.038	.953
HORIZONTAL SPREAD	1.151	1.043	1.043
VERTICAL SPREAD	2.210	1.837	1.736
EXTREME SPREAD	2.324	2.065	1.807
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

9 Jun 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225388.1

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1 in = 6

2 in = 6

3 in = 9

CENTROID #

HS= 2.122

VS= 2.022

GS= 2.546

PATTERN #

4

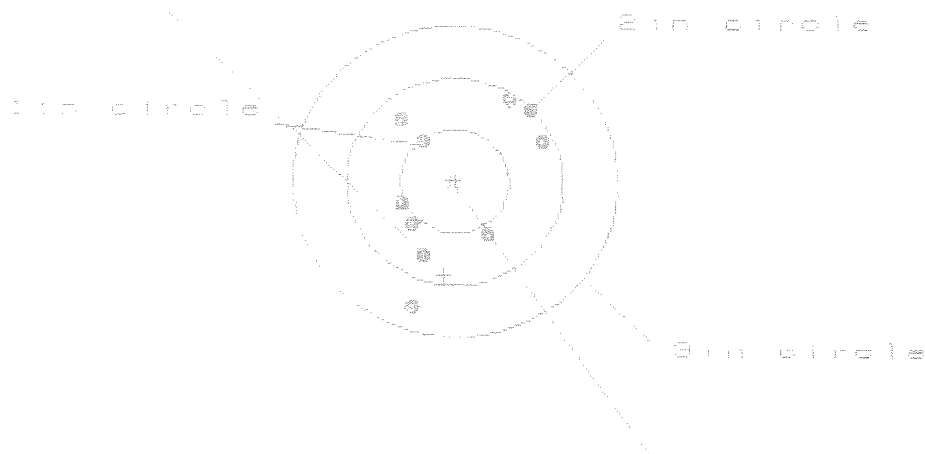
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.990	1.010	.882
MINIMUM X	-1.132	-1.022	-.575
MAXIMUM Y	.845	.714	.593
MINIMUM Y	-1.177	-.973	-.356
CENTROID X	-.584	-.694	-.586
CENTROID Y	-.064	.067	.188
POA TO CENTROID in.	.587	.697	.597
MIN RADIUS	.122	.247	.206
MEAN RADIUS	.712	.605	.494
MAX RADIUS	1.538	1.411	.966
HORIZONTAL SPREAD	2.122	2.032	1.457
VERTICAL SPREAD	2.022	1.687	.949
EXTREME SPREAD	2.546	2.412	1.588
NUMBER IN ONE INCH CIRCLE =		6	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

9 Jun 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225388.1

CENTERFIRE PATTERNS # 5

FOR



OF SHOTS- 10

IN CIR

1 in = 8

2 in = 8

3 in = 10

HE= 1.315

VE= 2.000

GE= 2.223

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.886	.760	.846
MINIMUM X	-.589	-.555	-.489
MAXIMUM Y	.838	.667	.740
MINIMUM Y	-1.280	-.808	-.735
CENTROID X	.099	.145	.059
CENTROID Y	.986	1.039	.966
FOR TO CENTROID in.	.911	1.049	.968
MIN RADIUS	.503	.444	.448
MEAN RADIUS	.784	.728	.690
MAX RADIUS	1.267	.895	.930
HORIZONTAL SPREAD	1.315	1.315	1.315
VERTICAL SPREAD	2.000	1.475	1.475
EXTREME SPREAD	2.223	1.702	1.670
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

RECEIVED BARBER - M24 0060001 REPORT

COMMENTS

ORDER

R 99-16112

INITIAL CUSTOMER ORDER NO.

WOG 2 OF 2

SMS

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
08/10/99	08/19/99	AQ 3/96	C6225398		700 7.62NAT SWS M24

ACCESSORIES

W/STUDS

SCOPE BASE

ADJ BUTT PLT - PEEP SGT MT

FROM:

SHIP TO:

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

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.L

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

A1

B1

TRIGGER GROUP

B2

BOLT ASSY.

B3

BARREL ASSY.

B4

REC. ASSY.

B5

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

PARTS

COMMENTS

Trigger Assy 96024

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0060001
M240060040

U.S. GOVERNMENT PRINTING OFFICE 1991 290-735
USE TYPEWRITER OR BALL POINT PEN
PRESS HARD TO ASSURE LEGIBILITY ON ALL COPIES

PREVIOUS EDITION WILL BE USED

REQUEST FOR ISSUE OR TURN-IN (DA Form 710-2-1)

SEND TO:										REQUEST IS FROM:									
Aco. 3rd BN 1st Special Forces																			
1605012402136										Ea 00001									
W81L8M91799110										5145 5145.00									
M24, Rifle 7.62mm Sniper (R95387)										Ser # C6225398									
02																			
R95387																			

U.S. GOVERNMENT PRINTING OFFICE 1991 290-735
USE TYPEWRITER OR BALL POINT PEN
PRESS HARD TO ASSURE LEGIBILITY ON ALL COPIES

PREVIOUS EDITION WILL BE USED

REQUEST FOR ISSUE OR TURN-IN (DA Form 710-2-1)

SEND TO:										REQUEST IS FROM:									
Cco 3/1 SFA (A)																			
1005012402136										Ea 00001									
W81L8M91799110										5145.00 \$5145.00									
RIFLE 7.62 SNIP m24										SN: C6348954									
R95387																			

DSN 357

[illegible]

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

BARBER - M24 0060894 M2400060043

DATE: 19990723

MAINTENANCE REQUEST

DA FORM 5990-E

----- CUSTOMER DATA -----

UIC: WH56AA
UTIL CODE: 0

3/1 SFG(A)

PHONE: (206) 967-8970

----- ACTIVITY DATA -----

SUP WON:
SUP UIC: WEXQAA

542ND MAINT CO

PHONE: 967-7902
SHOP SEC:

----- EQUIPMENT DATA -----

TYPE MNT REQ: 1

ID: A NSN: 1005012402136

MODEL: M24

NOUN: SNIPER RIFLE

SER NUM: C6225398

QTY: 00001

ORG WON: H56AA1905186 PRIORITY: 02

FAILURE DETECTED: D

MI/KM: -----

HOURS: -----

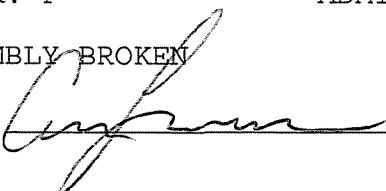
ROUNDS:

IN WARRANTY:

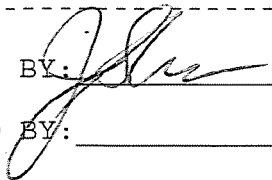
LEVEL OF WORK: F

ADMIN NUM:

DEFICIENCY: TRIGGER ASSMBLY BROKEN

PD AUTHENTICATING SIGNATURE: 

----- SIGNATURE DATA -----

SUBMITTED BY: 

ORD DATE: _____ MIL TIME: _____

ACCEPTED BY: _____

STATUS: _____ ORD DATE: _____ MIL TIME: _____

----- ACTION DATA -----

WORK STARTED BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____

INSPECTED BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____

PICKED UP BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____

----- COMPLETION DATA -----

QTY RPR: _____ QTY CONDEMNED: _____ NRTS: _____

EVAC WON: _____ EVAC UNIT NAME: _____

BARBER - M24 0060006

 AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

 SERIAL NO. C6225398

 DATE 9/21/97

 TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.14	2.15		2.25	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.19	2.15		2.14	
PULL #3	2.16	2.14		2.19	
PULL #4	2.16	2.14		2.18	
PULL #5	2.17	2.13		2.21	
TOTAL	10.82	10.71		10.97	
AVG.	2.16	2.14		2.19	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.28		
PULL #2	2.98	3.31		
PULL #3	3.33	3.30		
PULL #4	3.09	3.31		
PULL #5	3.34	3.31		
TOTAL	16.01	16.51		
AVG.	3.20	3.30		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.32		4.30
PULL #2	4.15	4.34		4.31
PULL #3	4.10	4.19		4.35
PULL #4	4.12	4.33		4.39
PULL #5	4.50	4.04		4.45
TOTAL	21.22	21.22		21.80
AVG.	4.24	4.24		4.36

Final Inspection

Sn: C6225398

DATE REC'D: 8/10/99

DATE RET'D:

Auditor:

RW

Item:

Barrel Assy.

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

Scope Assy.

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

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

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

Systems Case

☐ SCOPE CASE☐ IRON SIGHTS☐ DEPLOYMENT KIT

Trigger

☒ SAFETY OPERATION☒ SET

Comments:

CLASSIFIED DOCUMENT ACCOUNTABILITY RECORD						DATE
For use of this form, see AR 380-5; the proponent agency is the Office, Assistant Chief of Staff for Intelligence.						22 FEB 96
SECTION A - GENERAL						
TO: REMINGTON ARMS CO., INC. ATTN: FABRICATED PRODUCTS DEPT. 14 HOEFLER AVE. LION, 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.	CLASSIFI- CATION	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 # C6225398 C6348832		22 FEB 96	M. Deis
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:						PAGE OR COPY NO.
☐ DESTROYED ☐ TORN IN HALF AND PLACED IN A CLASSIFIED WASTE CONTAINER (AR 380-5)						
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						

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 Aco/3rd bat 1st special Forces grp m24 SWS					2. NOMENCLATURE AND MODEL				
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 d - Show corrective action for deficiency or shortcoming listed in Column c.				
COLUMN b - Enter the applicable condition status symbol.					COLUMN e - Individual ascertaining completed corrective action initial in this column.				
COLUMN c - Enter deficiencies and shortcomings.									
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	
SSG HAZEN, DONALD								10. MANHOURS REQUIRED	
Donald C Hazen III									
TM ITEM NO.	STATUS	DEFICIENCIES AND SHORTCOMINGS				CORRECTIVE ACTION			INITIAL WHEN CORRECTED
a	b	c				d			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 1st S.F. Group							
		206-967-8813							

DA FORM 2404
1 APR 79

Replaces edition of 1 Jan 64, which will be used

New
Barrel

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225398

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		4/2/96	RW

op. #	BARBER - M24 0060012 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		4/2/96	AC
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		4/2/96	AC
655	Final Inspection			
	A) Headspace		4/4/96	RW
	B) Trigger Pull			
	C) Function		4/4/96	RW
660	Pack			

Final Inspection

Sn: C6225398

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 # 06225398
 5 Feb 1988

CENTROIDAL DISTANCES

0 TO	1	.80401E
1 TO	2	.5876
1 TO	3	.482644
1 TO	4	.442538
1 TO	5	.635034

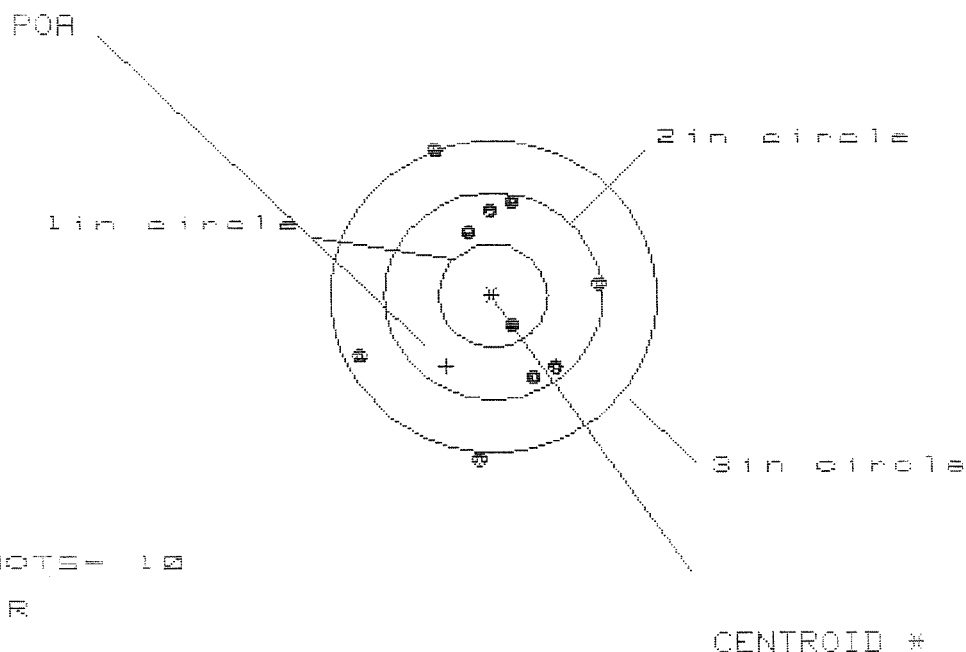
1
 +3 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3174
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .269
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .415857
 THE AMR FOR THIS RIFLE IS: 1.099

5 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225398

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 7

3 in = 8

HS= 2.151

VS= 3.034

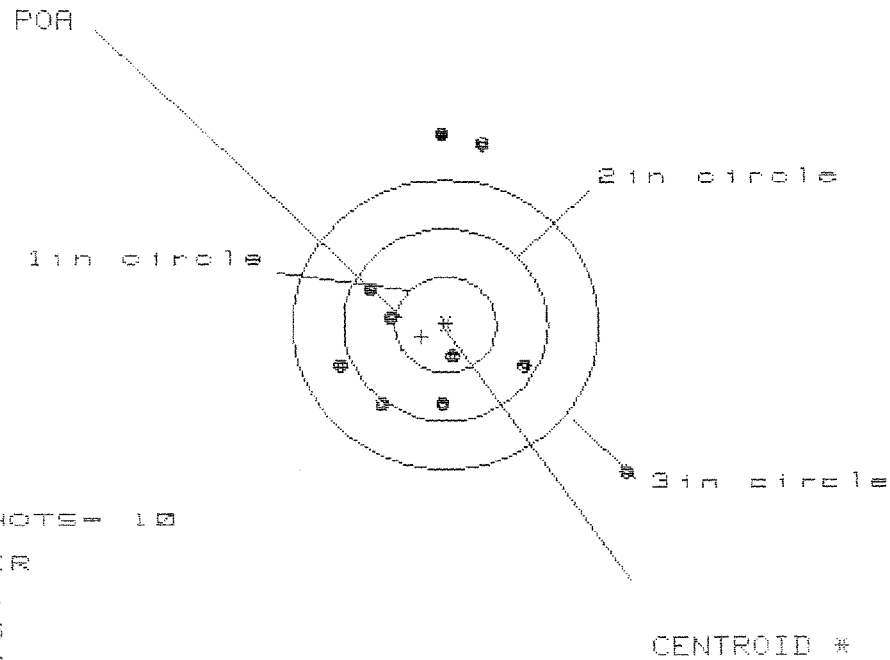
GS= 3.059

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.940	.928	.863
MINIMUM X	-1.211	-1.223	-1.288
MAXIMUM Y	1.436	1.258	.875
MINIMUM Y	-1.598	-.915	-.757
CENTROID X	.429	.441	.506
CENTROID Y	.680	.858	.700
POA TO CENTROID in.	.804	.965	.864
MIN RADIUS	.328	.491	.323
MEAN RADIUS	.977	.893	.822
MAX RADIUS	1.602	1.452	1.431
HORIZONTAL SPREAD	2.151	2.151	2.151
VERTICAL SPREAD	3.034	2.173	1.632
EXTREME SPREAD	3.059	2.337	2.285
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	8		

5 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225358

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 7

HS = 2.755

VS = 3.486

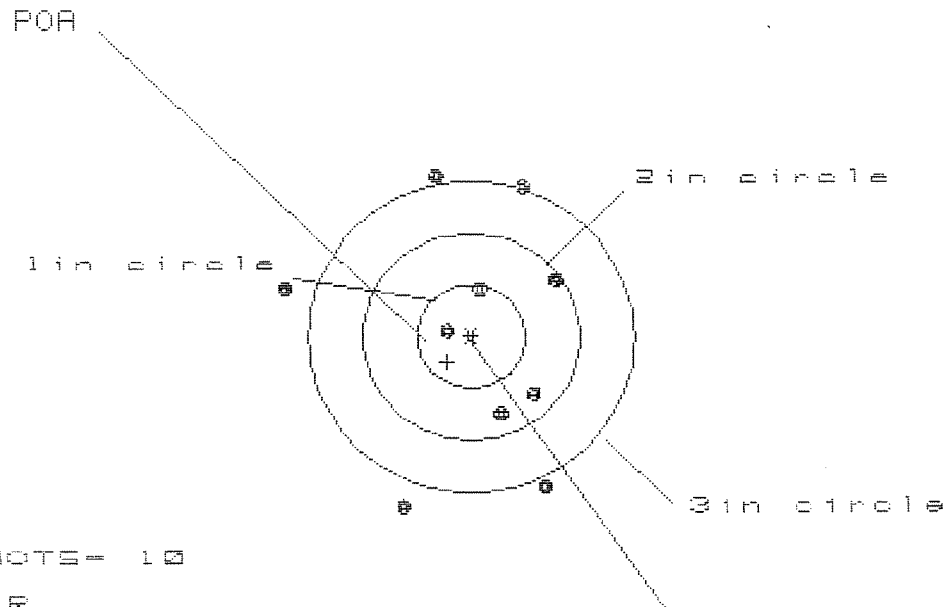
GS = 3.904

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.726	.957	.977
MINIMUM X	:	-1.029	-.837	-.817
MAXIMUM Y	:	1.998	1.833	1.978
MINIMUM Y	:	-1.488	-1.016	-.787
CENTROID X	:	.236	.044	.024
CENTROID Y	:	.125	.290	.061
POA TO CENTROID in.	:	.267	.293	.066
MIN RADIUS	:	.319	.346	.326
MEAN RADIUS	:	1.167	1.035	.870
MAX RADIUS	:	2.279	1.840	2.047
HORIZONTAL SPREAD	:	2.755	1.794	1.794
VERTICAL SPREAD	:	3.486	2.849	2.765
EXTREME SPREAD	:	3.904	2.905	2.905
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

5 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225398

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 5

HS= 2.483

VS= 3.204

GS= 3.313

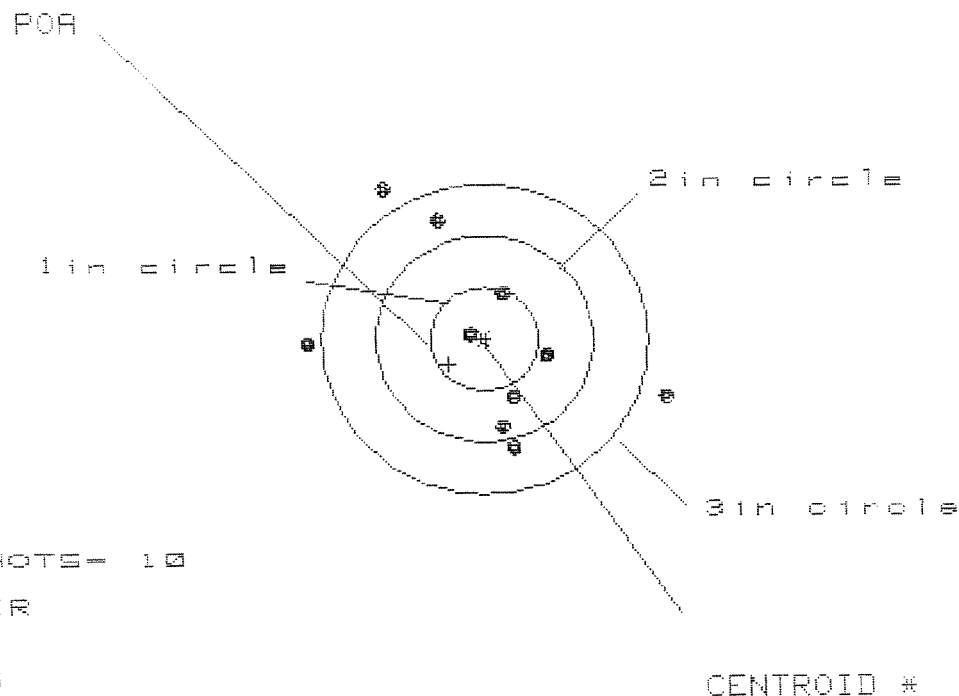
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.778	.588	.492
MINIMUM X	:	-1.705	-.772	-.627
MAXIMUM Y	:	1.551	1.597	1.396
MINIMUM Y	:	-1.653	-1.607	-1.641
CENTROID X	:	.222	.412	.508
CENTROID Y	:	.244	.198	.399
POA TO CENTROID in.	:	.330	.457	.646
MIN RADIUS	:	.194	.388	.361
MEAN RADIUS	:	1.150	1.074	.970
MAX RADIUS	:	1.755	1.783	1.604
HORIZONTAL SPREAD	:	2.483	1.360	1.119
VERTICAL SPREAD	:	3.204	3.204	3.037
EXTREME SPREAD	:	3.313	3.313	3.198
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		5	

5 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225398

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 7

HM = 3.326

VM = 2.582

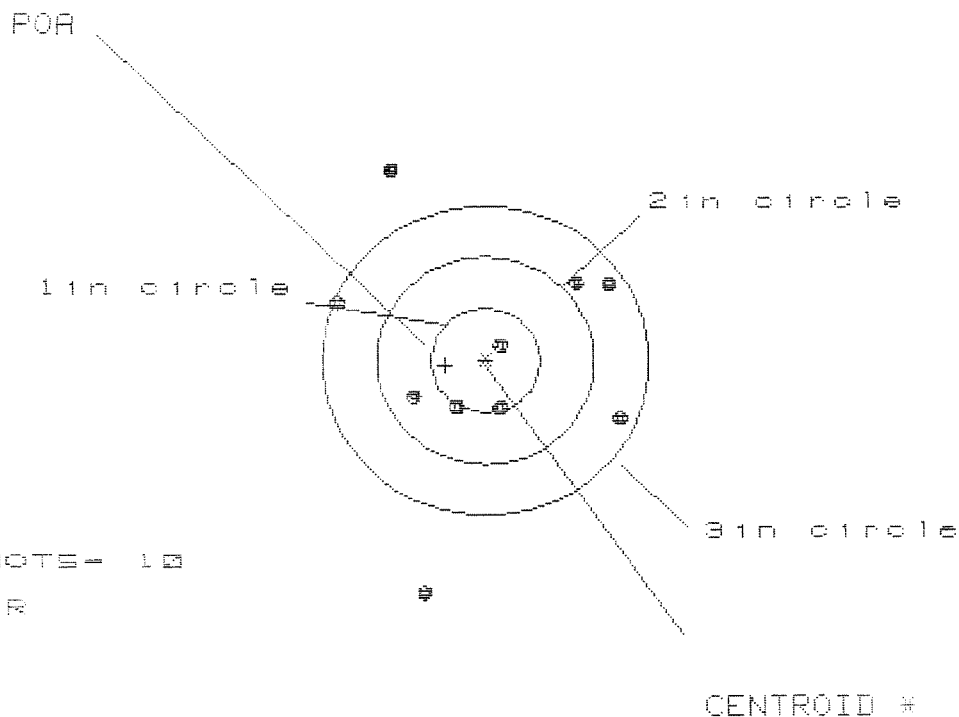
GS = 3.363

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.693	.759	.664
MINIMUM X	-1.633	-1.444	-1.539
MAXIMUM Y	1.499	1.441	1.308
MINIMUM Y	-1.083	-1.141	-.961
CENTROID X	.333	.144	.239
CENTROID Y	.248	.306	.126
POA TO CENTROID in.	.415	.338	.270
MIN RADIUS	.125	.072	.164
MEAN RADIUS	1.029	.959	.845
MAX RADIUS	1.772	1.627	1.542
HORIZONTAL SPREAD	3.326	2.203	2.203
VERTICAL SPREAD	2.582	2.582	2.269
EXTREME SPREAD	3.363	2.837	2.362
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

5 Feb 1988

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 2.607

VS= 4.194

GS= 4.205

PATTERN #	5	6	7
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.257	1.199	1.089
MINIMUM X	-1.350	-1.408	-1.518
MAXIMUM Y	1.900	1.646	.716
MINIMUM Y	-2.294	-.837	-.632
CENTROID X	.367	.425	.536
CENTROID Y	.048	.302	.097
POA TO CENTROID in.	.370	.522	.544
MIN RADIUS	.221	.129	.116
MEAN RADIUS	1.173	1.049	.902
MAX RADIUS	2.352	1.868	1.604
HORIZONTAL SPREAD	2.607	2.607	2.607
VERTICAL SPREAD	4.194	2.483	1.348
EXTREME SPREAD	4.205	3.242	2.849
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		