

C6225487

MODEL 700™ M24

Model 700 M24™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.



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: **RE00168589** Serial: C6225487 Model M24 SWS Center Fire Repairman: Status: Closed 5/26/2009 1:34:57 PM
 Verify Repair Caliber: 7.62 NATO

Address Information

Customer: ☒ Received From Return To: ☐ Received From
 Name: ISSD ARMS ROOM ISSD ARMS ROOM
 Address 1: 8TH DESERT STORM 8TH DESERT STORM
 Address 2: BLDG 5210 BAY DOOR #30 PO Box: BLDG 5210 BAY DOOR #30 PO Box:
 City: FORT CAMPBELL FORT CAMPBELL
 State: KY Zip Code: 42223 Country: US State: KY Zip Code: 42223 Country: US
 FFL: ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information Received Condition Accessories Received

Phone: NN Fair
 Fax: Condition Notes:
 Email: CSR Notes:
 Comments:

Code	Desc	Qty
A010	Hard Case	1
A017	Scope Base	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search Refresh Close Refresh Close

maglet 5/26/2009 1:41 PM CAPS NUM INS SCPL

start 5 Microsoft 3 Microsoft Google News Part Search by Arms Services Material Wher

Serial Number: **C6225487**
 Model: **M24 SWS**

RE00168589

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER

168589

SERIAL NUMBER

C6225487

LOG-IN DATE

5-26-09

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	5-26-09	RTZ
505	RE-BARREL	5-28-09	RTZ
420	ASSEMBLE	5-28-09	RTZ
440	PROOF	5-28-09	SPD
460	CHECK HEADSPACE	5-28-09	SPD
470	DIS-ASSEMBLE GUN	5-28-09	SPD
480	MAGNAFLUX	5-28-09	SPD
510	DRILL AND TAP	5-29-09	SP
500	ROLLMARK CALIBER	6-1-09	RT
520	GOFF BLAST BBL / REC	6-1-09	DWO
530 & 540	APPLY COATINGS	6-3	C
560	FINAL ASSEMBLY	6-8-09	RTZ
640	FUNCTION TEST AND	6-8-09	RP
650	TARGET	6-8-09	RP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	6-8-09	SPD
	A) HEADSPACE	6-12-09	RTZ
	B) TRIGGER PULL	296 296 299 297 296 6-12-09	RTZ
680	F) SAFETY ON FORCE	3.0 3.0 3.0 6-12-09	RTZ
	G) SAFETY OFF FORCE	4.0 4.0 4.0 6-12-09	RTZ
	I) FIRING PIN INDENT	.022 .022 .022 6-12-09	RTZ
690	PACK	6-15-09	FM

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225487. __0
FILE DATE AND TIME: 06/09/2009 07:26

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.024
The Average Y Centroid of the Five Target Set:	-0.024
The Average Point of Impact of the Five Target Set:	0.034
The Average Mean Radius of the Five Target Set:	0.675
The Distance from POA to Centroid Target #1:	0.252
The Distance from Centroid Target #2 to Centroid Target #1:	0.398
The Distance from Centroid Target #3 to Centroid Target #1:	0.338
The Distance from Centroid Target #4 to Centroid Target #1:	0.347
The Distance from Centroid Target #5 to Centroid Target #1:	0.476

BARBER - M24 0061833

SERIAL NUMBER: C6225487. 0

TARGET NUMBER: 1

FILE DATE: 06/09/2009

FILE TIME: 07:26

POINT#	X	Y
1:	0.403	1.910
2:	-0.468	0.686
3:	-0.767	0.043
4:	-0.415	-0.021
5:	-0.516	-0.539
6:	0.074	-0.380
7:	0.414	-0.163
8:	0.383	0.038
9:	0.443	0.431
10:	0.974	0.464

X CENTROID: 0.053

Y CENTROID: 0.247

POA TO CENTROID: 0.252

HORZ SPREAD: 1.741

VERT SPREAD: 2.449

GROUP SPREAD: 2.616

MIN RADIUS: 0.391

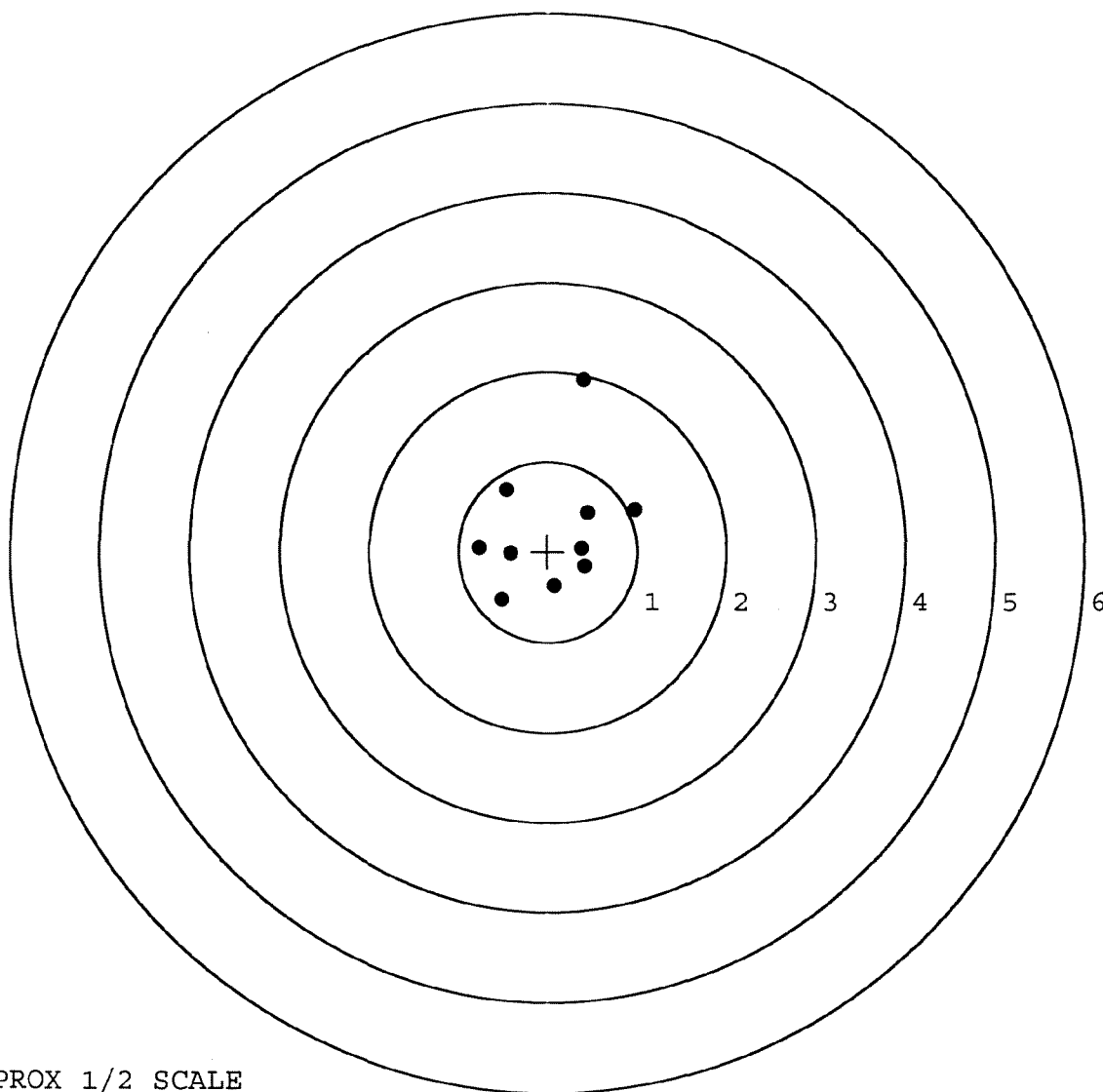
MAX RADIUS: 1.700

MEAN RADIUS: 0.768

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



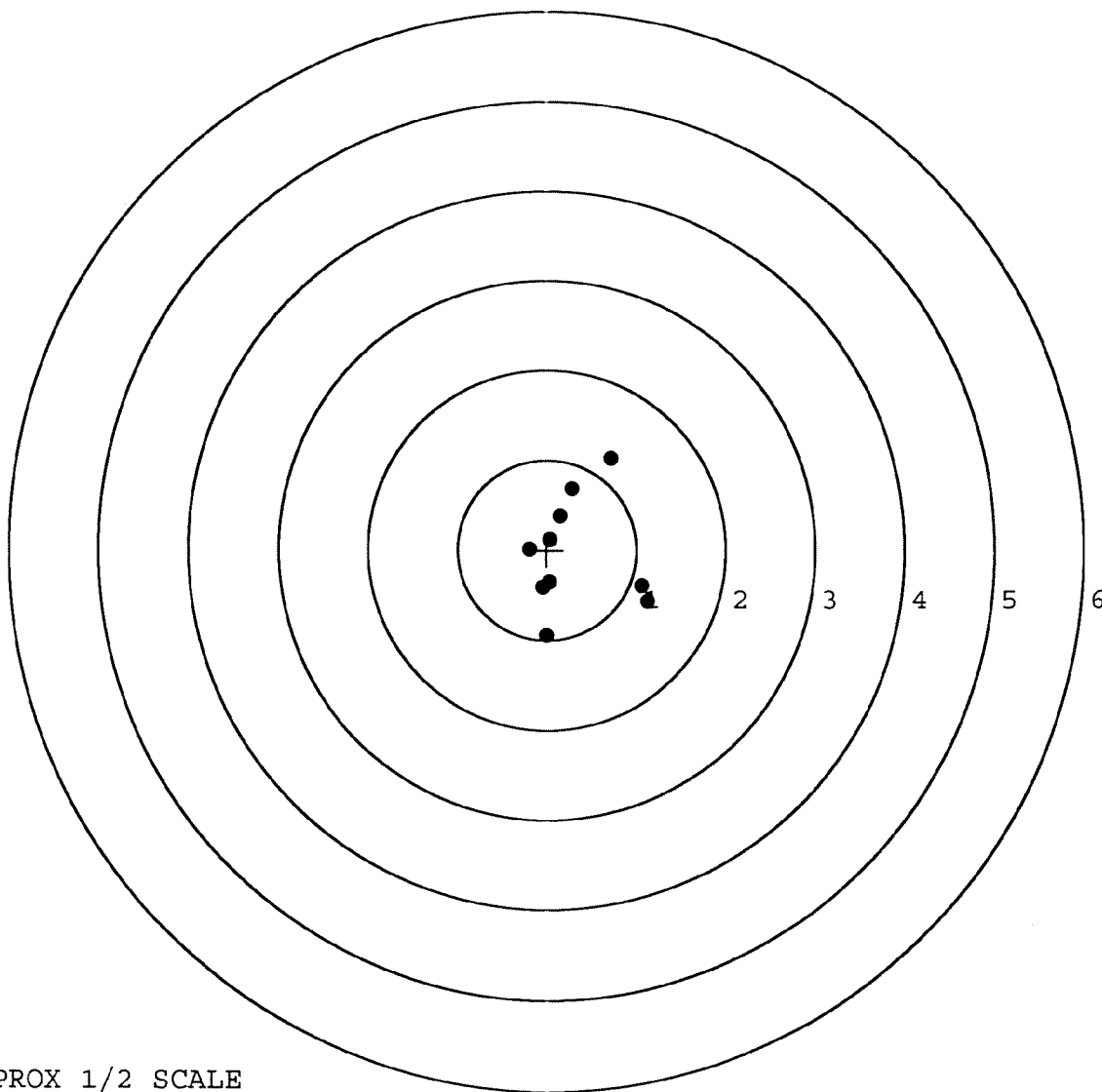
TARGET APPROX 1/2 SCALE

BARBER - M24 0061834

SERIAL NUMBER: C6225487. __0
 TARGET NUMBER: 2
 FILE DATE: 06/09/2009
 FILE TIME: 07:26

POINT#	X	Y
1:	1.057	-0.406
2:	-0.008	-0.954
3:	0.029	-0.364
4:	-0.194	0.010
5:	0.039	0.118
6:	0.152	0.374
7:	0.284	0.677
8:	0.715	1.020
9:	1.124	-0.579
10:	-0.047	-0.422

X CENTROID: 0.315
 Y CENTROID: -0.053
 POA TO CENTROID: 0.319
 HORZ SPREAD: 1.318
 VERT SPREAD: 1.974
 GROUP SPREAD: 2.102
 MIN RADIUS: 0.325
 MAX RADIUS: 1.145
 MEAN RADIUS: 0.685
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0061835

SERIAL NUMBER: C6225487. __0

TARGET NUMBER: 3

FILE DATE: 06/09/2009

FILE TIME: 07:26

POINT#	X	Y
1:	-0.418	-0.659
2:	-0.051	-0.614
3:	1.214	-0.987
4:	0.274	0.714
5:	-0.095	0.463
6:	-0.618	0.212
7:	0.097	0.216
8:	0.059	-0.272
9:	-0.135	0.014
10:	0.085	0.005

X CENTROID: 0.041

Y CENTROID: -0.091

POA TO CENTROID: 0.100

HORZ SPREAD: 1.832

VERT SPREAD: 1.701

GROUP SPREAD: 2.189

MIN RADIUS: 0.105

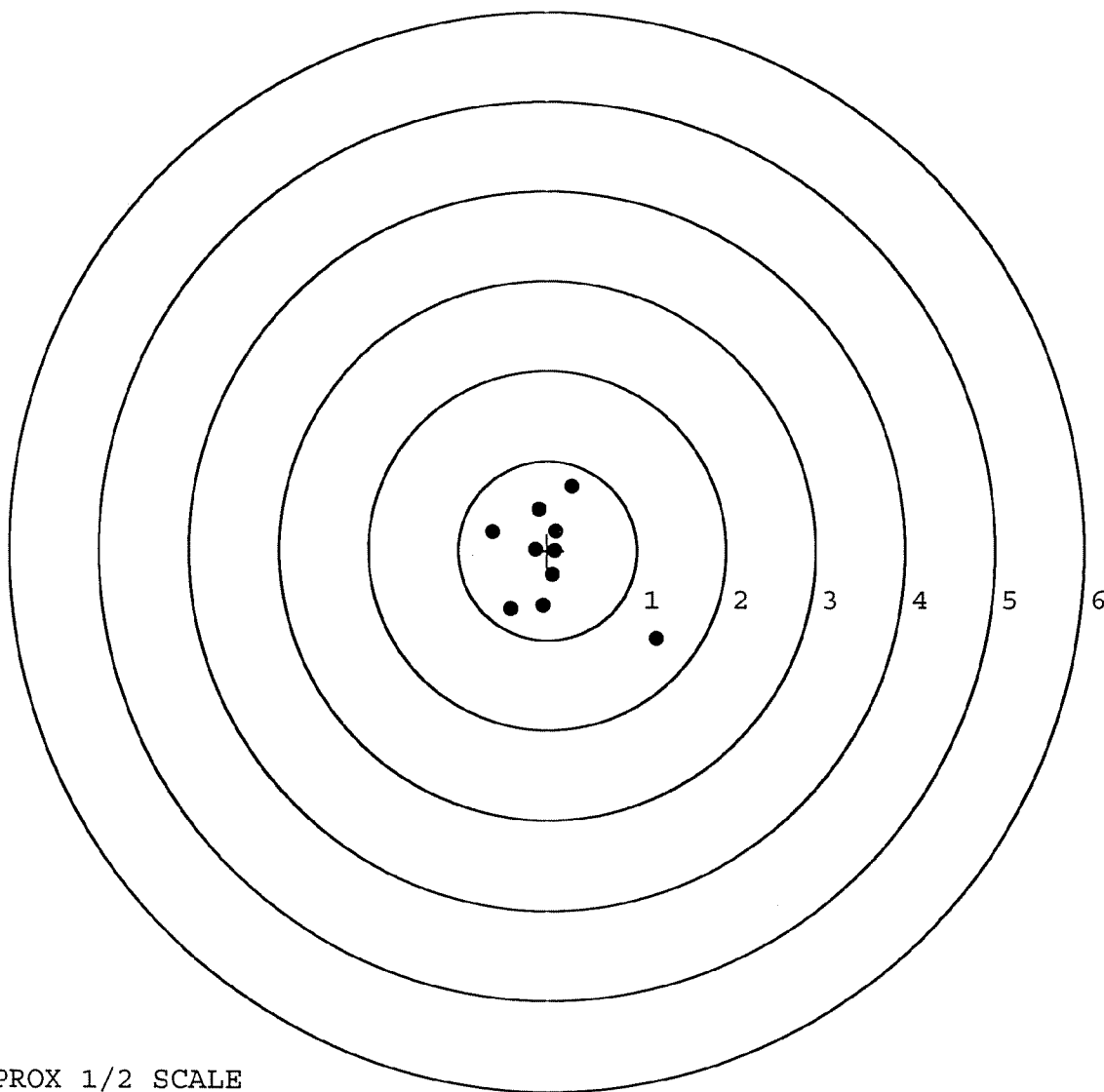
MAX RADIUS: 1.476

MEAN RADIUS: 0.568

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0061836

SERIAL NUMBER: C6225487. __0

TARGET NUMBER: 4

FILE DATE: 06/09/2009

FILE TIME: 07:26

POINT#	X	Y
1:	-1.220	0.201
2:	-0.783	-0.174
3:	-0.022	-0.823
4:	-0.214	-0.286
5:	-0.016	-0.256
6:	-0.212	0.087
7:	0.228	0.637
8:	0.089	0.261
9:	0.416	-0.013
10:	0.808	-0.313

X CENTROID: -0.093

Y CENTROID: -0.068

POA TO CENTROID: 0.115

HORZ SPREAD: 2.028

VERT SPREAD: 1.460

GROUP SPREAD: 2.092

MIN RADIUS: 0.196

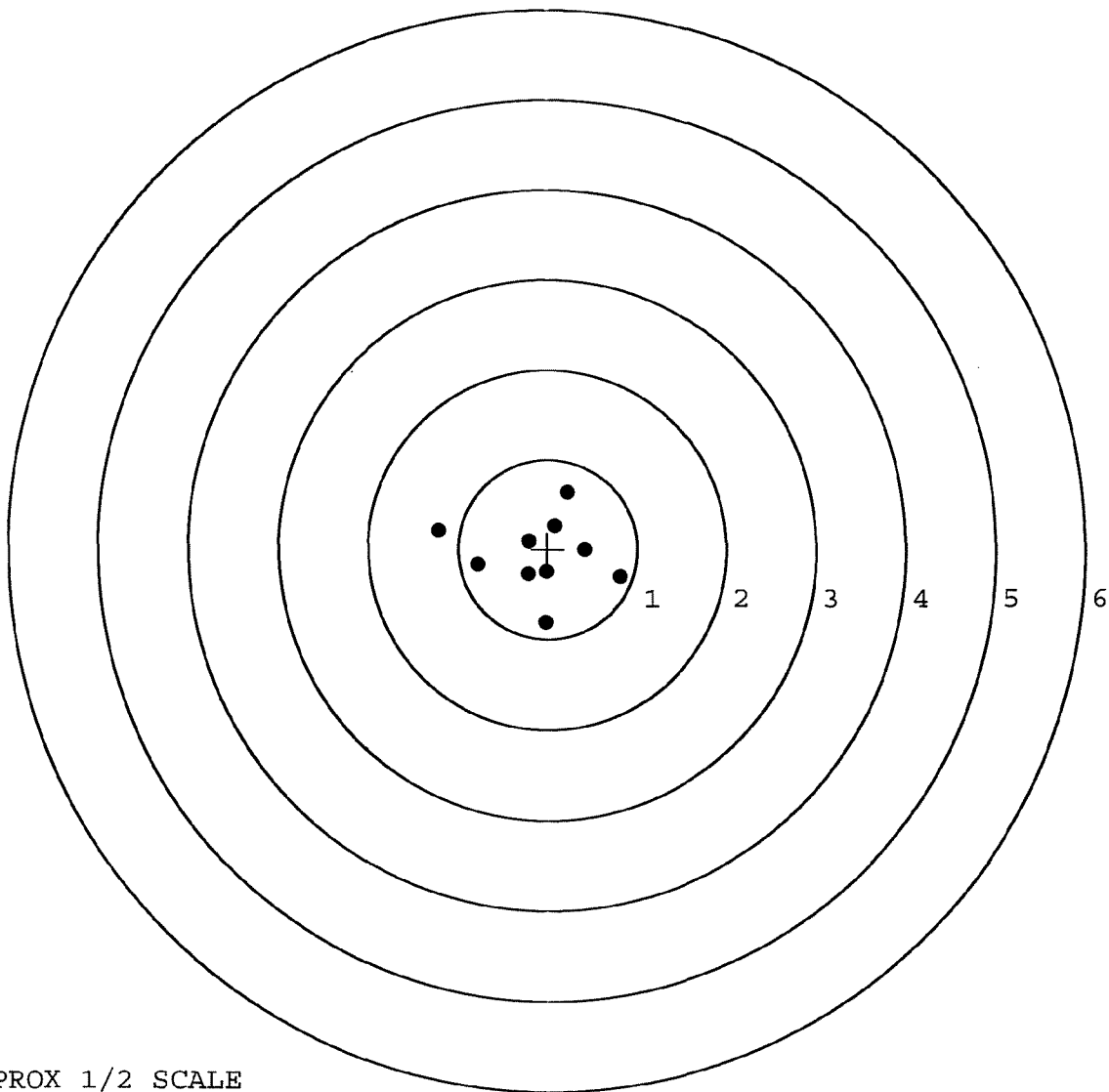
MAX RADIUS: 1.159

MEAN RADIUS: 0.586

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0061837

SERIAL NUMBER: C6225487. __0

TARGET NUMBER: 5

FILE DATE: 06/09/2009

FILE TIME: 07:26

POINT#	X	Y
1:	0.025	0.740
2:	0.557	0.472
3:	0.651	-0.767
4:	-0.439	0.007
5:	-0.310	0.005
6:	0.249	-0.008
7:	0.273	0.349
8:	-0.836	-0.734
9:	-0.966	-0.901
10:	-1.181	-0.741

X CENTROID: -0.198

Y CENTROID: -0.158

POA TO CENTROID: 0.253

HORZ SPREAD: 1.832

VERT SPREAD: 1.641

GROUP SPREAD: 2.119

MIN RADIUS: 0.198

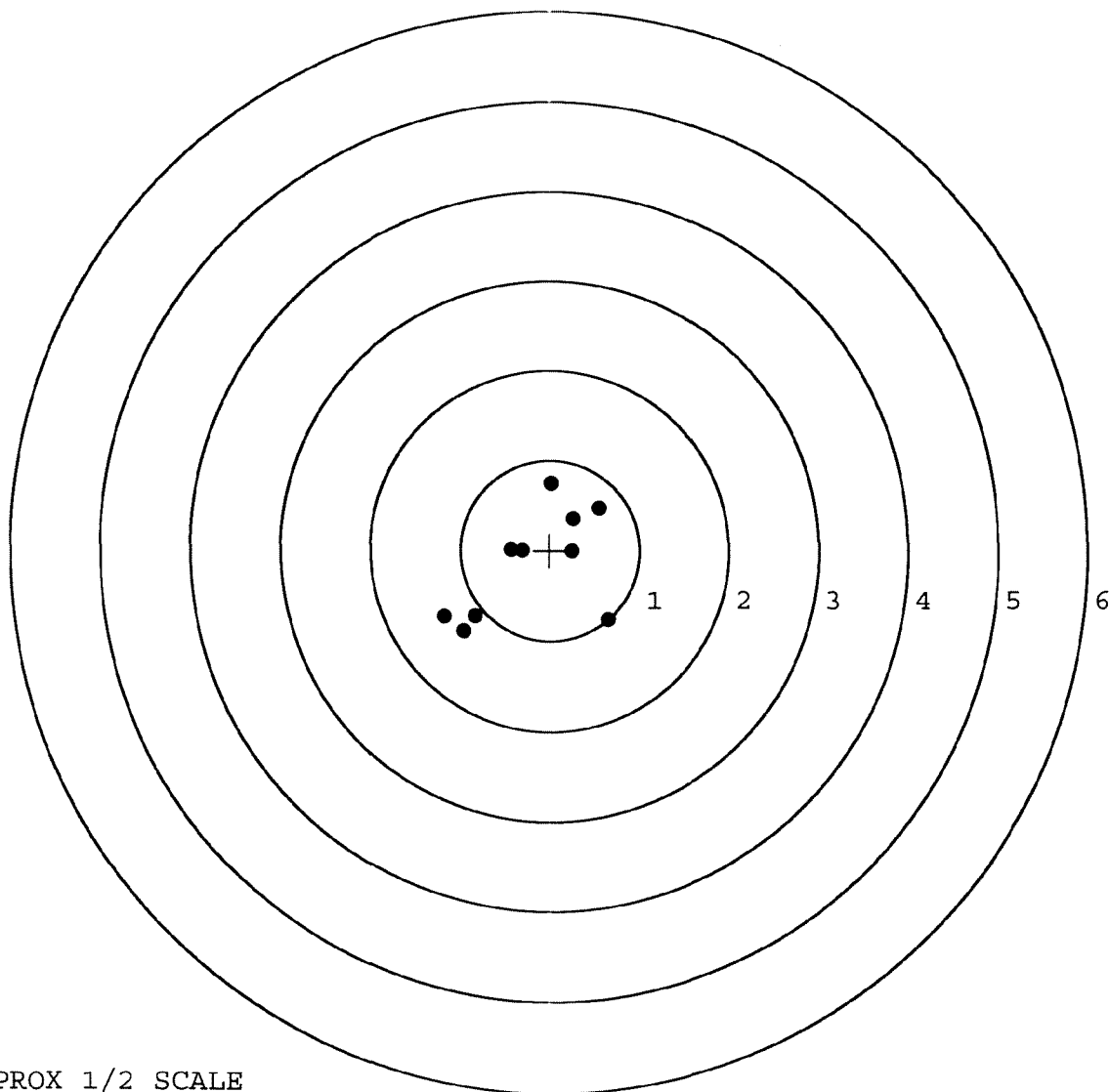
MAX RADIUS: 1.143

MEAN RADIUS: 0.768

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: **RE00093010** Serial: C6225487 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 12/20/1988 Repairman: Status: Closed 2/11/2005 7:24 AM

Verify Repair

Address Information

Customer: ☐ Received From: ☒ Return To: ☐ Received From: ☐

Name: DEF DIST DEPOT ANNISTON DEF DIST DEPOT ANNISTON

Address 1: Address 2: PO Box: PO Box:

City: ANNISTON ANNISTON

State: AL AL Zip Code: 362014199 362014199 Country: US US

FPI: [] [] [] [] [] [] [] []

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: Fax: Email: Comments:

Received Condition: Good: Condition Notes: GSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	3
A014	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Front and Rear Sgt Base	1

Repair Search Refresh Close

naslet 2/11/2005 8:10 AM CAPS NUM INS SCPL

start 5 2 3 Arms Service

Serial Number:

C6225487Model: **M24 SWS****RE00093010**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225487.__0
FILE DATE AND TIME: 09/02/2005 11:37

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.092
The Average Y Centroid of the Five Target Set:	0.032
The Average Point of Impact of the Five Target Set:	0.097
The Average Mean Radius of the Five Target Set:	0.909
The Distance from POA to Centroid Target #1:	0.455
The Distance from Centroid Target #2 to Centroid Target #1:	0.951
The Distance from Centroid Target #3 to Centroid Target #1:	0.597
The Distance from Centroid Target #4 to Centroid Target #1:	0.586
The Distance from Centroid Target #5 to Centroid Target #1:	0.575

SERIAL NUMBER: C6225487. __0

TARGET NUMBER: 1

FILE DATE: 09/02/2005

FILE TIME: 11:37

POINT#	X	Y
1:	0.855	0.652
2:	0.550	0.439
3:	0.569	-0.088
4:	0.310	-0.357
5:	0.080	-0.406
6:	-0.893	-0.457
7:	-1.708	-0.873
8:	-0.744	1.221
9:	-1.030	1.402
10:	-1.530	1.320

X CENTROID: -0.354

Y CENTROID: 0.285

POA TO CENTROID: 0.455

HORZ SPREAD: 2.563

VERT SPREAD: 2.275

GROUP SPREAD: 2.982

MIN RADIUS: 0.816

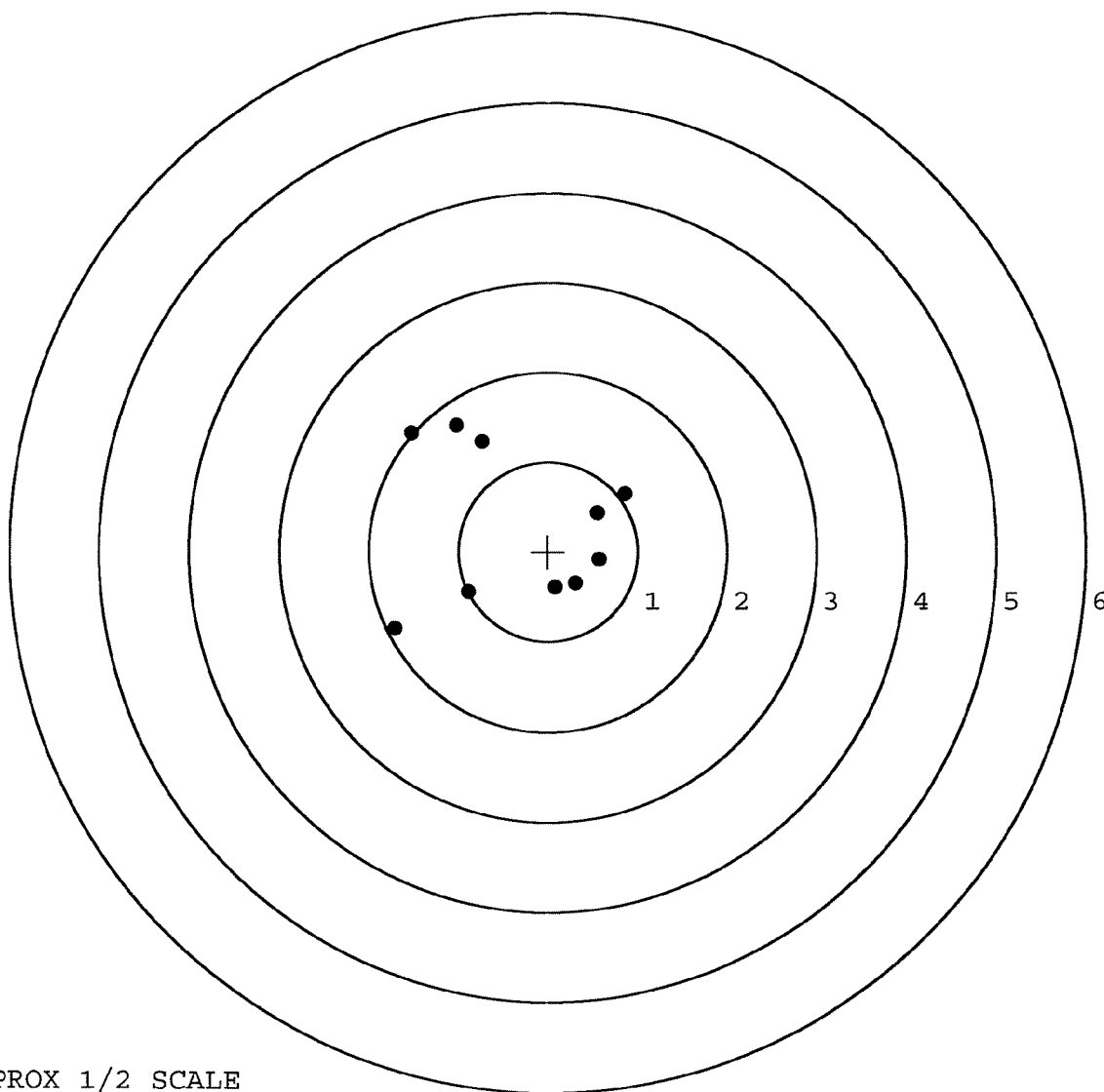
MAX RADIUS: 1.782

MEAN RADIUS: 1.150

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225487. 0

TARGET NUMBER: 2

FILE DATE: 09/02/2005

FILE TIME: 11:37

X CENTROID: 0.294

Y CENTROID: -0.410

POA TO CENTROID: 0.505

HORZ SPREAD: 1.713

VERT SPREAD: 3.198

GROUP SPREAD: 3.383

MIN RADIUS: 0.252

MAX RADIUS: 2.005

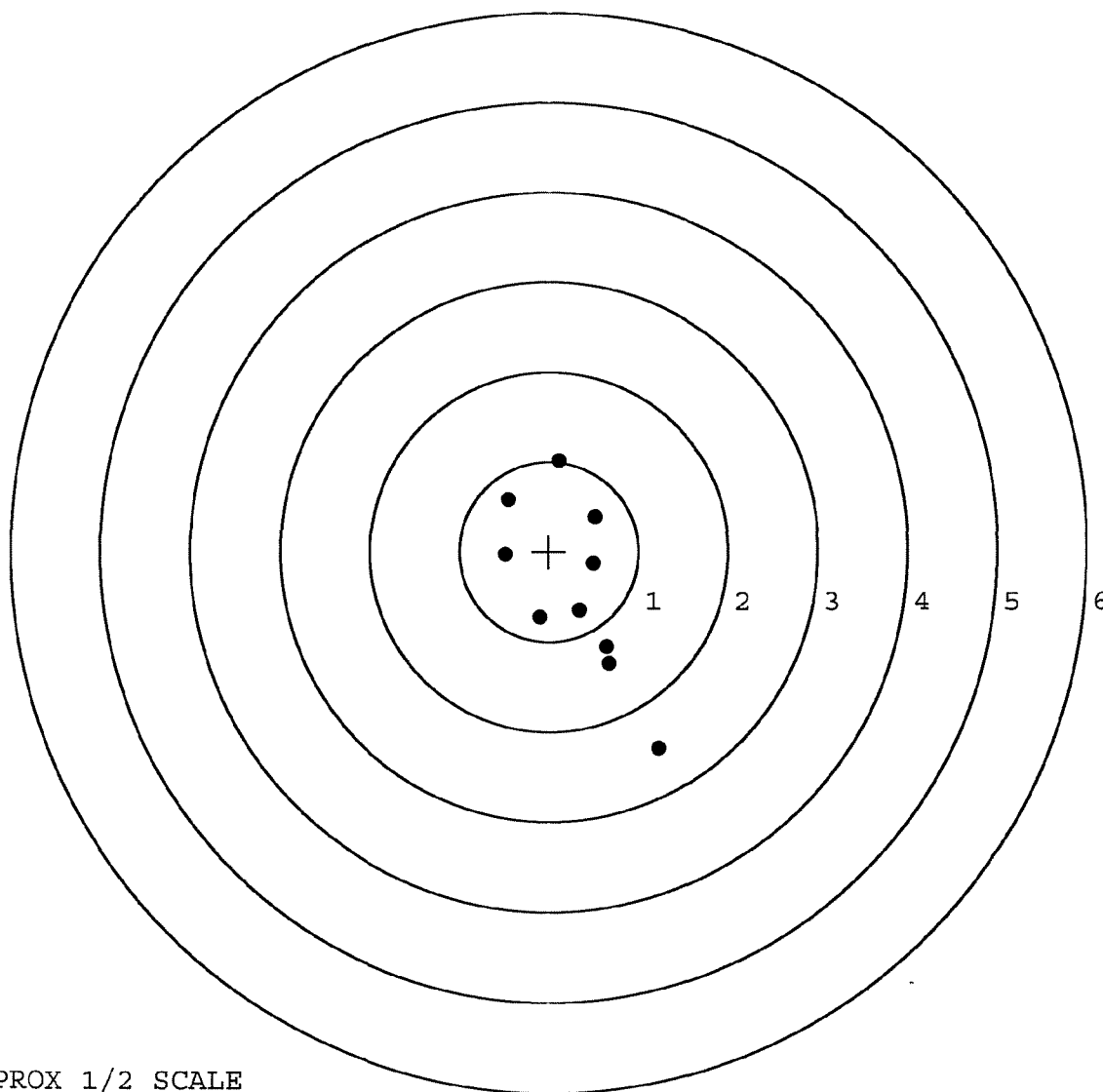
MEAN RADIUS: 0.914

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.668	-1.252
2:	0.643	-1.063
3:	0.344	-0.657
4:	0.496	-0.138
5:	0.508	0.382
6:	0.119	1.011
7:	-0.464	0.578
8:	-0.490	-0.034
9:	-0.103	-0.739
10:	1.223	-2.187



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225487. __0

TARGET NUMBER: 3

FILE DATE: 09/02/2005

FILE TIME: 11:37

POINT#	X	Y
1:	1.468	-0.133
2:	1.301	0.175
3:	0.561	-0.098
4:	0.261	-0.557
5:	1.007	1.131
6:	0.184	0.620
7:	-0.566	0.920
8:	-0.432	0.066
9:	-0.776	-0.791
10:	-0.985	-0.636

X CENTROID: 0.202

Y CENTROID: 0.070

POA TO CENTROID: 0.214

HORZ SPREAD: 2.453

VERT SPREAD: 1.922

GROUP SPREAD: 2.663

MIN RADIUS: 0.396

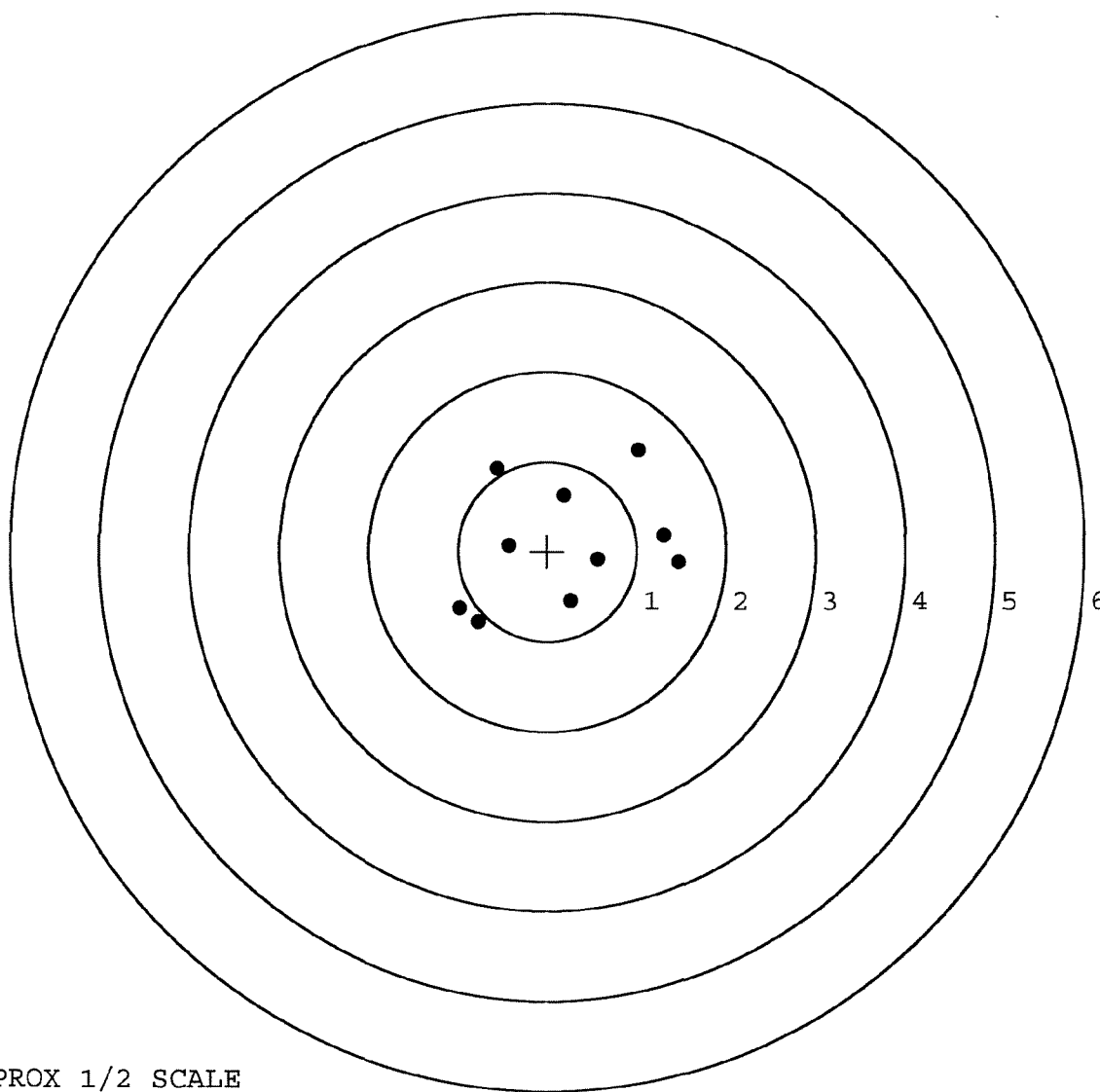
MAX RADIUS: 1.381

MEAN RADIUS: 0.976

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 10



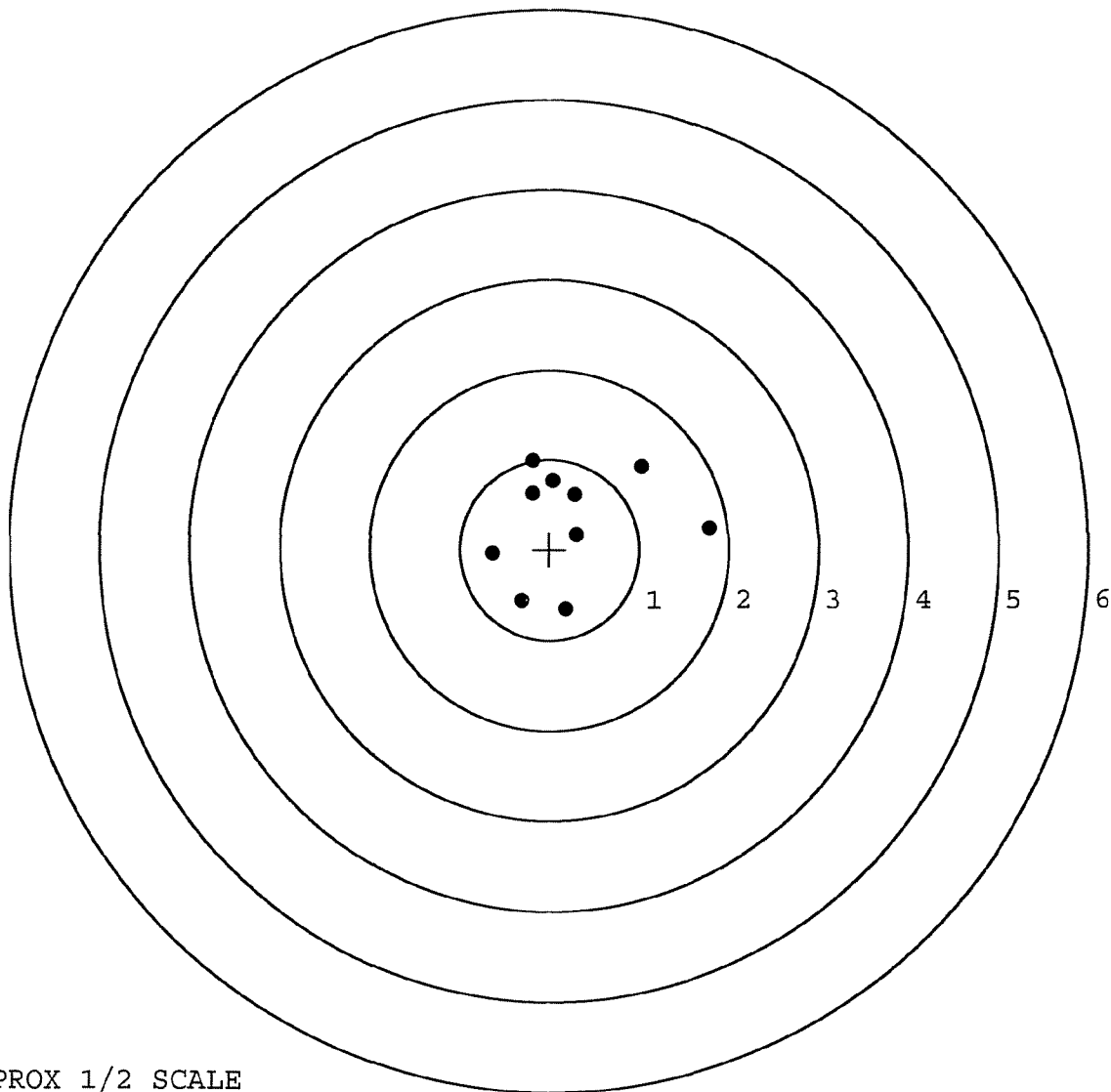
TARGET APPROX 1/2 SCALE

BARBER - M24 0061843

SERIAL NUMBER: C6225487. __0
 TARGET NUMBER: 4
 FILE DATE: 09/02/2005
 FILE TIME: 11:37

POINT#	X	Y
1:	1.791	0.235
2:	1.032	0.925
3:	0.293	0.613
4:	0.304	0.160
5:	0.181	-0.661
6:	-0.313	-0.572
7:	-0.637	-0.048
8:	0.040	0.762
9:	-0.182	0.622
10:	-0.188	0.992

X CENTROID: 0.232
 Y CENTROID: 0.303
 POA TO CENTROID: 0.382
 HORZ SPREAD: 2.428
 VERT SPREAD: 1.653
 GROUP SPREAD: 2.444
 MIN RADIUS: 0.160
 MAX RADIUS: 1.560
 MEAN RADIUS: 0.781
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



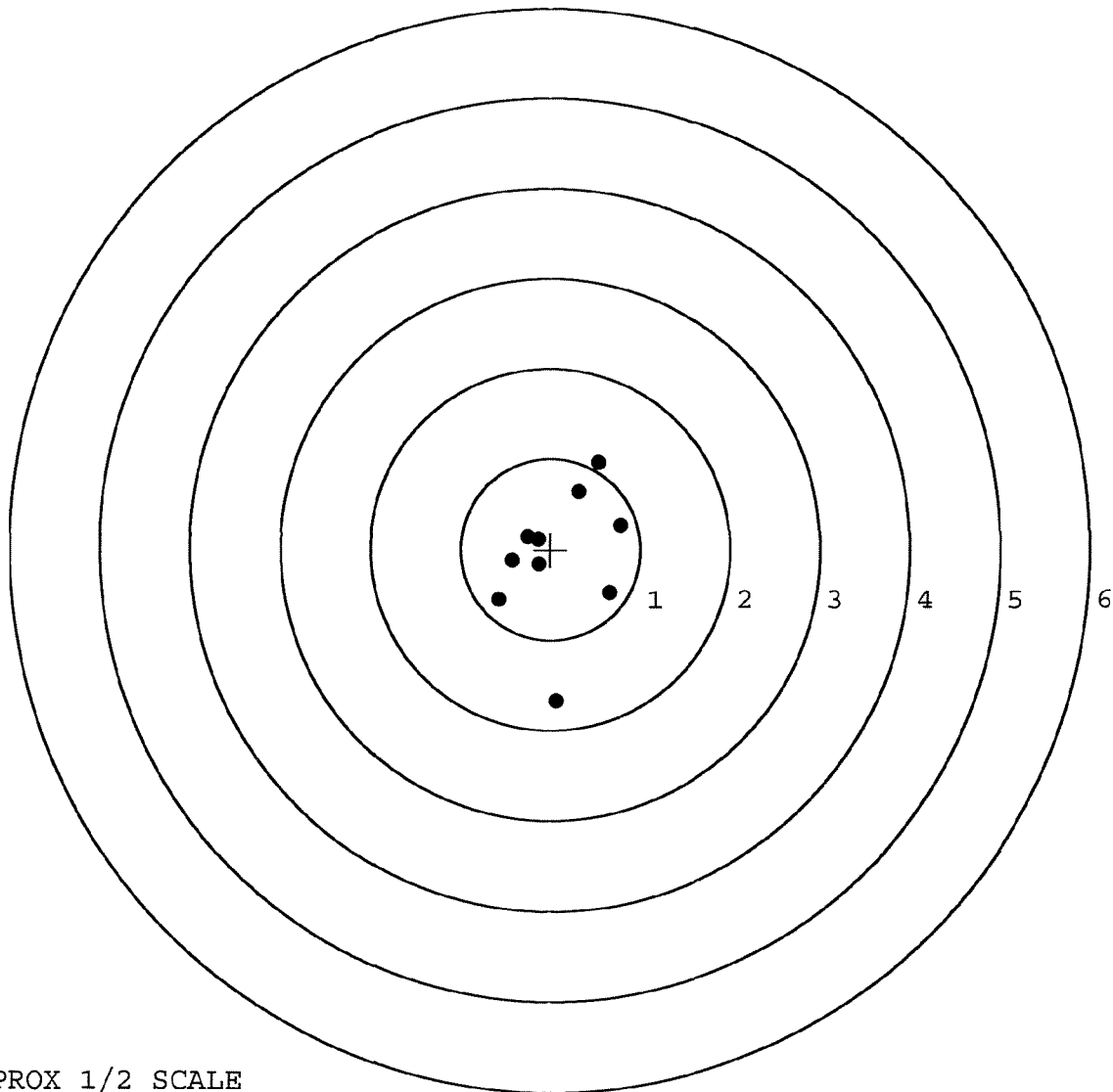
TARGET APPROX 1/2 SCALE

BARBER - M24 0061844

SERIAL NUMBER: C6225487. __0
 TARGET NUMBER: 5
 FILE DATE: 09/02/2005
 FILE TIME: 11:37

POINT#	X	Y
1:	0.654	-0.479
2:	0.783	0.268
3:	0.072	-1.683
4:	-0.577	-0.558
5:	0.533	0.959
6:	0.322	0.638
7:	-0.260	0.140
8:	-0.137	0.116
9:	-0.428	-0.123
10:	-0.131	-0.166

X CENTROID: 0.083
 Y CENTROID: -0.089
 POA TO CENTROID: 0.122
 HORZ SPREAD: 1.360
 VERT SPREAD: 2.642
 GROUP SPREAD: 2.682
 MIN RADIUS: 0.228
 MAX RADIUS: 1.594
 MEAN RADIUS: 0.724
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	93018		
SERIAL NUMBER	C622.5487		
LOG-IN DATE	2-3-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8-17-05	RTL
560 A	RE-BARREL	8-23-05	RTL
B	DRILL AND TAP	8-25-05	TRW
575	ASSEMBLE	8-24-05	RTL
600	PROOF	8-24-05	AC
605	CHECK HEADSPACE	8-24-05	AC
610	DIS-ASSEMBLE GUN	8-25-05	RTL
612	MAGNAFLUX	8-25-05	und
615	ROLLMARK CALIBER	8-25-05	CW
618	ROTO-BLAST	8-26-05	CB
620	APPLY COATINGS	8/29/05	TRB
625 A	FINAL ASSEMBLY	9-1-05	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	9-6-05	AC
D	SAFETY "OFF" FORCE	9-6-05	AC
E	FIRING PIN INDENT	9-6-05	AC
640	TARGET	9-2-05	TRW
655	FINAL INSPECT	9-6-05	AC
660	PACK	9-10-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225487

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	9 12 88		FB
600	Proof	9 19 88		RW
607	Check Headspace	9 19 88		RW
610	Dis-assemble gun	9 19 88		RW
612	Magnaflux Barrel Action		9 22 88	pjc.
	Magnaflux Bolt		9 22 88	pjc.
615	Rollmark Caliber			
617	Drill & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coatings (Bolt)		10-31-88	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		11/15/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/15/88	RW
	C) Inspect Ejector Hole for Chamfer		11/15/88	RW

OVER

OP. #		READINGS	DATE	INITIAL
625	D) Oil Firing Pin Ass'y		11/15/88	RW
cont.	E) Adjust Trigger Pull to Min. Setting and Stake		16 NOV 88	JSS
	F) Safety on Force	5 : 5 : 5	17 NOV 88	JSS
	G) Safety off Force	3 : 3 : 3	17 NOV 88	JSS
	H) Trigger Pull Test & Retainability		16 NOV 88	JSS
	I) Firing Pin Indent	.021 : .0215 : .0215	17 NOV 88	JSS
	J) Assemble Stock		11/17/88	RW
	K) Attach Front & Rear Sight Assemblies		11/30/88	WB
	L) Iron Sight Alignment		11/30/88	WB
	M) Detach Front & Rear Sights & place in numbered container		11/30/88	WB
	N) Attach Scope to Rifle		11/30/88	WB
	O) Detach & Attach Scope 20 times		11/30/88	WB
640	Gallery Target & Test		12/1/88	DH
	A) Optical Clarity of Scope		12/1/88	DH
645	Inspect for Live Ammo		12/1/88	DH
655	Final Inspection			
	A) Headspace		5 Dec 88	JSS
	B) Trigger Pull	245 : 240 : 240	239 : 238	JSS
	C) Function		5 Dec 88	JSS
	D) Assemble Swivel Studs		5 Dec 88	JSS
660	Pack		14 Dec 88	J.S

OP.#		READINGS	DATE	INITIAL
625	D) Oil Firing Pin Ass'y		11/15/88	RW
cont.	E) Adjust Trigger Pull to Min. Setting and Stake		16 NOV 88	JSS
	F) Safety on Force	5 : 5 : 5	17 NOV 88	JSS
	G) Safety off Force	3 : 3 : 3	17 NOV 88	JSS
	H) Trigger Pull Test & Retainability		16 NOV 88	JSS
	I) Firing Pin Indent	.021 : .0215 : .0215	17 NOV 88	JSS
	J) Assemble Stock		11/17/88	RW
	K) Attach Front & Rear Sight Assemblies		11/30/88	WLB
	L) Iron Sight Alignment		11/30/88	WLB
	M) Detach Front & Rear Sights & place in numbered container		11/30/88	WLB
	N) Attach Scope to Rifle		11/30/88	WLB
	O) Detach & Attach Scope 20 times		11/30/88	WLB
640	Gallery Target & Test		12/1/88	DH
	A) Optical Clarity of Scope		12/1/88	DH
645	Inspect for Live Ammo		12/1/88	DH
655	Final Inspection			
	A) Headspace		5 Dec 88	JSS
	B) Trigger Pull	245 : 240 : 240	239 : 238	JSS
	C) Function		5 Dec 88	JSS
	D) Assemble Swivel Studs		5 Dec 88	JSS
660	Pack		14 Dec 88	R.S.

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6225487DATE 16 NOV 88TESTER RLS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.41	2.42	2.45	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.43	2.38	2.40	
PULL #3	2.38	2.39	2.54	2.40	
PULL #4	2.37	2.39	2.47	2.39	
PULL #5	2.34	2.39	2.45	2.38	
TOTAL	11.93	12.01	12.16	12.02	
AVG.	2.386	2.402	2.432	2.404	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	3.04		
PULL #2	3.06	3.05		
PULL #3	3.03	3.11		
PULL #4	3.05	3.02		
PULL #5	3.07	3.03		
TOTAL	15.36	15.25		
AVG.	3.072	3.05		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.31		4.34
PULL #2	4.17	4.23		4.10
PULL #3	4.26	4.24		4.08
PULL #4	4.26	4.17		4.26
PULL #5	4.27	4.19		4.17
TOTAL	21.17	21.14		20.89
AVG.	4.234	4.228		4.178

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225487

CENTROIDAL DISTANCES

0 TO	1	.599621
1 TO	2	1.16141
1 TO	3	.994518
1 TO	4	.537651
1 TO	5	.922099

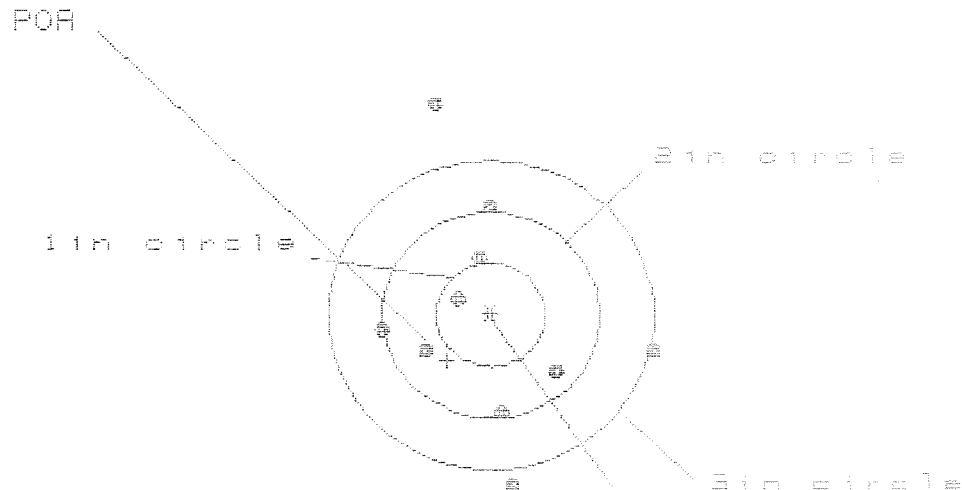
1
* <----POA
2

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3658
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2592
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .448324
THE AMR FOR THIS RIFLE IS: .9194

1 Dec 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08223487

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 7

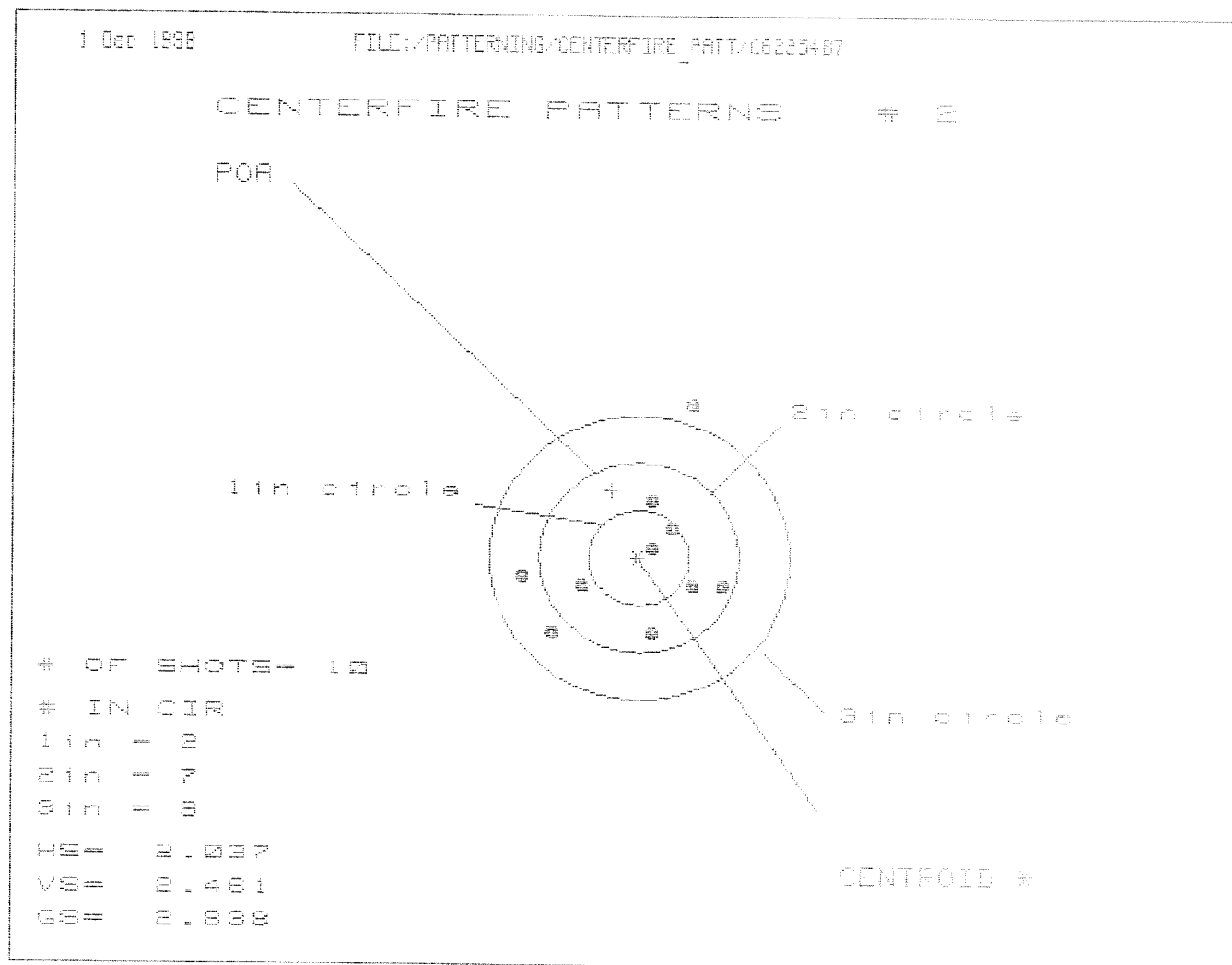
HS= 2.485

VS= 3.658

GS= 3.713

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.462	1.411	1.427
MINIMUM X	-1.973	-1.024	-1.008
MAXIMUM Y	2.063	1.251	1.080
MINIMUM Y	-1.596	-1.367	-1.882
CENTROID X	.403	.454	.438
CENTROID Y	.444	.215	.386
POR TO CENTROID in.	.600	.582	.584
MIN RADIUS	.334	.529	.397
MEAN RADIUS	1.056	.933	.861
MAX RADIUS	2.113	1.416	1.456
HORIZONTAL SPREAD	2.435	2.435	2.435
VERTICAL SPREAD	3.659	2.618	1.962
EXTREME SPREAD	3.713	2.623	2.447
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		7	



PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.838	.896	.754
MINIMUM X	-1.199	-1.141	-.970
MAXIMUM Y	1.633	.759	.756
MINIMUM Y	-.828	-.646	-.649
CENTROID X	.272	.214	.356
CENTROID Y	-.710	-.892	-.889
POA TO CENTROID in.	.781	.917	.958
MIN RADIUS	.183	.371	.336
MEAN RADIUS	.836	.742	.668
MAX RADIUS	1.716	1.141	1.167
HORIZONTAL SPREAD	2.037	2.037	1.724
VERTICAL SPREAD	2.461	1.405	1.405
EXTREME SPREAD	2.838	2.038	1.812
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

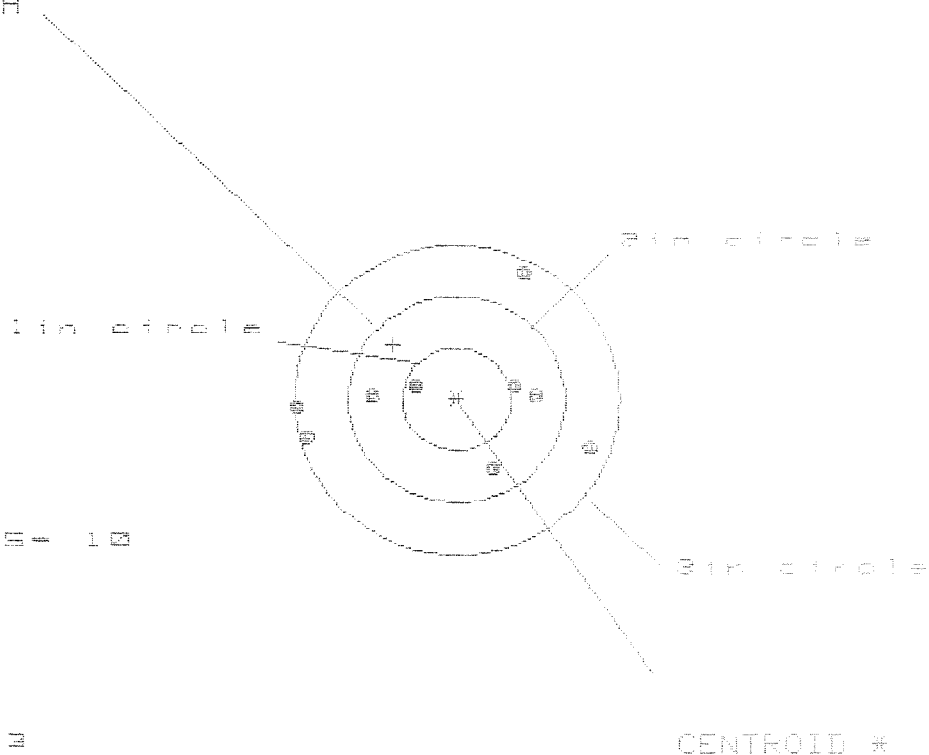
1 Dec 1988

FILE:/PATTERNING/CENTERFIRE_PATT/062254B7

CENTERFIRE PATTERNS

3

POA



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

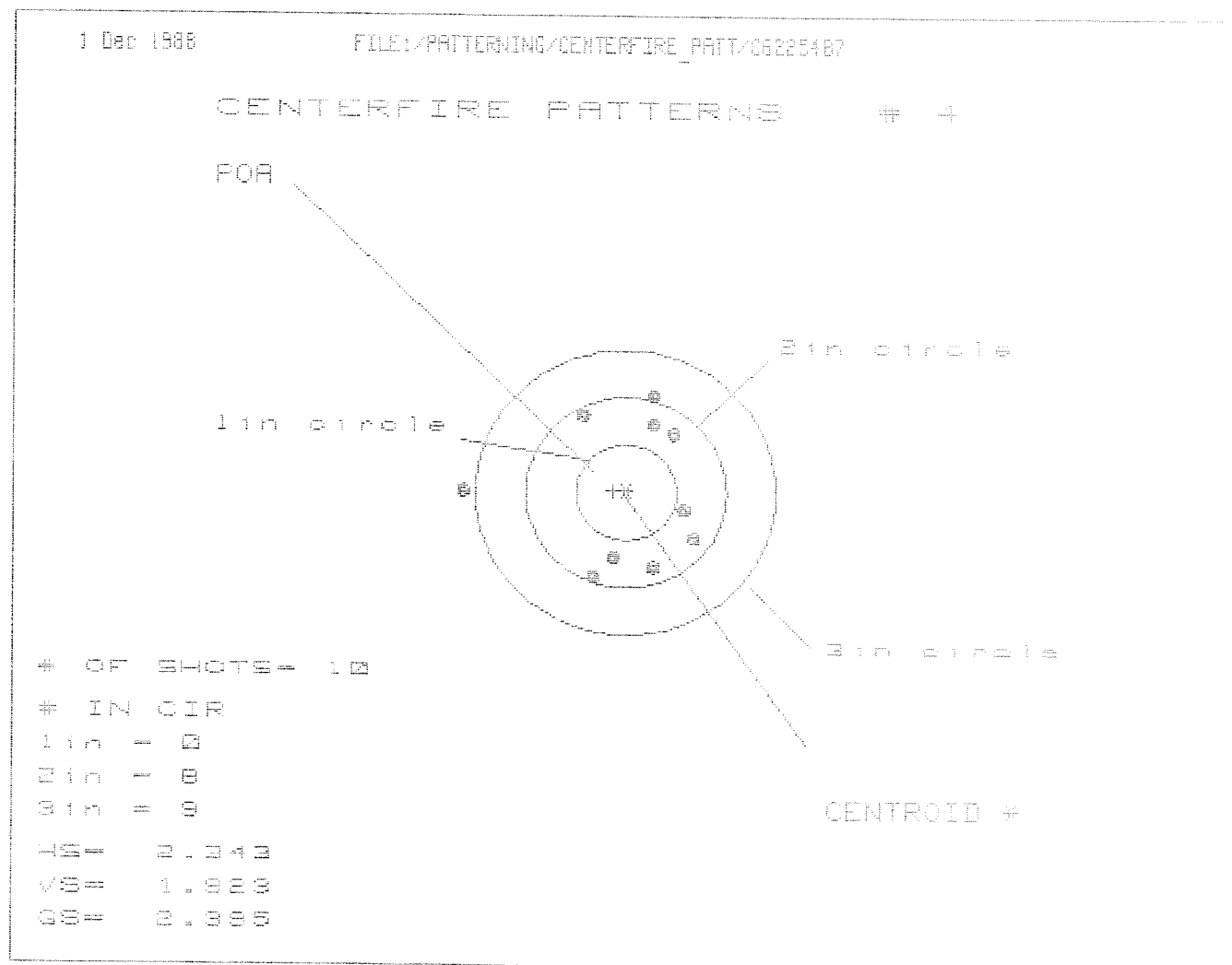
HS = 2.633

VS = 1.912

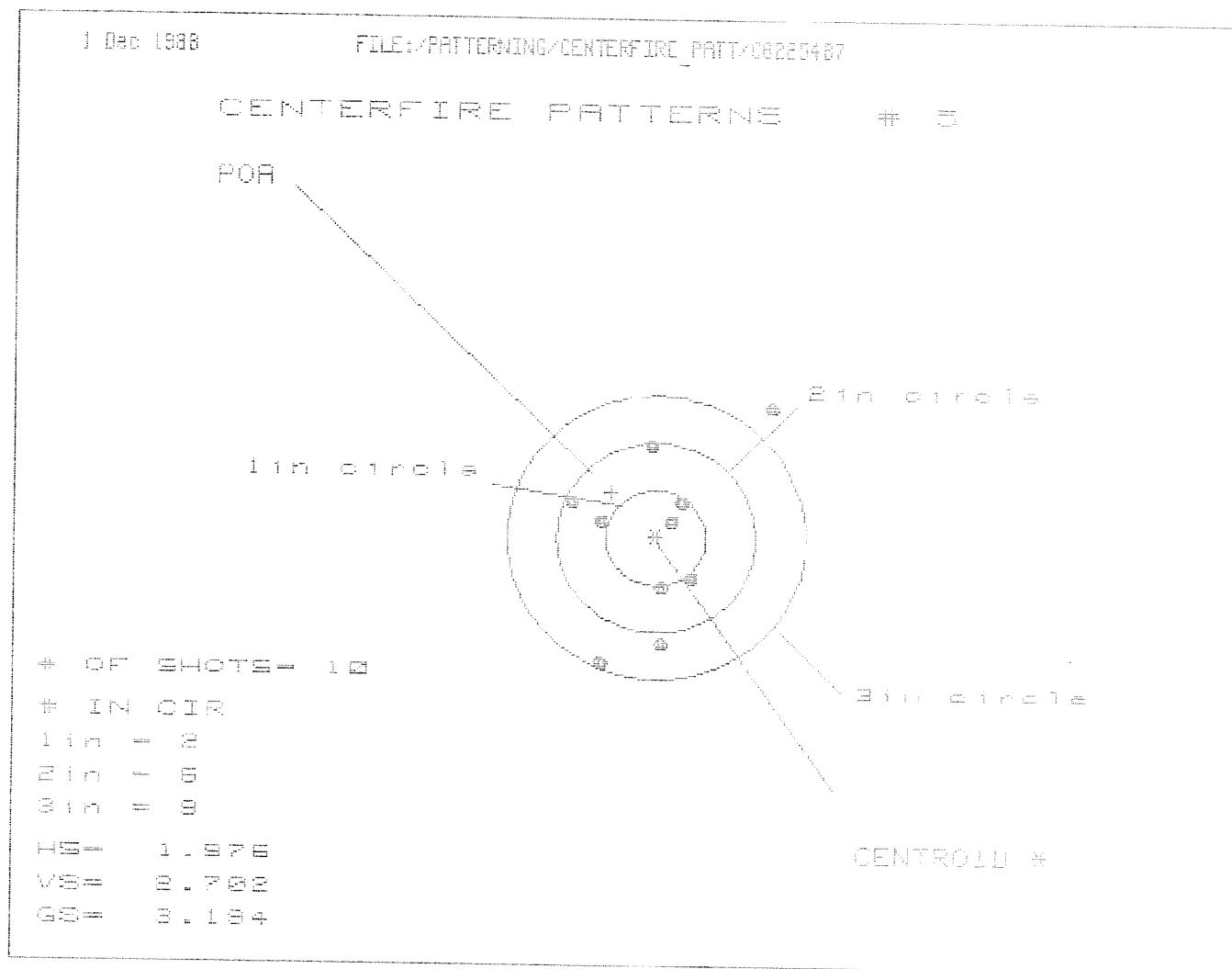
ES = 2.662

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.179	1.017	.825
MINIMUM X	-1.454	-1.538	-1.153
MAXIMUM Y	1.259	1.248	1.200
MINIMUM Y	-.653	-.664	-.712
CENTROID X	.578	.740	.932
CENTROID Y	-.535	-.524	-.476
POA TO CENTROID in.	.788	.906	1.046
MIN RADIUS	.418	.333	.139
MEAN RADIUS	.945	.859	.718
MAX RADIUS	1.458	1.585	1.235
HORIZONTAL SPREAD	2.633	2.555	1.978
VERTICAL SPREAD	1.912	1.912	1.912
EXTREME SPREAD	2.662	2.599	2.052
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	



PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.678	.493	.563
MINIMUM X	-1.665	-.572	-.562
MAXIMUM Y	.993	.991	.918
MINIMUM Y	-.938	-.932	-.888
CENTROID X	.128	.313	.383
CENTROID Y	-.018	-.016	-.148
POR TO CENTROID in.	.129	.313	.334
MIN RADIUS	.576	.404	.366
MEAN RADIUS	.894	.775	.732
MAX RADIUS	1.665	1.050	1.076
HORIZONTAL SPREAD	2.343	1.065	1.065
VERTICAL SPREAD	1.923	1.923	1.726
EXTREME SPREAD	2.395	2.005	1.728
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		



PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.128
MINIMUM X	-.848
MAXIMUM Y	1.382
MINIMUM Y	-1.370
CENTROID X	.448
CENTROID Y	-.477
POA TO CENTROID in.	.655
MIN RADIUS	.286
MEAN RADIUS	.866
MAX RADIUS	1.745
HORIZONTAL SPREAD	1.976
VERTICAL SPREAD	2.782
EXTREME SPREAD	3.194
NUMBER IN ONE INCH CIRCLE	2
NUMBER IN TWO INCH CIRCLE	6
NUMBER IN THREE INCH CIRCLE	9