

C6594629

MODEL 700TM M24

Model **SMS**TM

Action _____

Barrel Length _____

Capacity _____

Order No. **5716**

*Includes 1 in chamber.



Repair Inquiry

Repair Number: RE00158815

Serial: C6594629 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/18/1991

Repairman:

Verify Repair

Status:

Closed 1/14/2009 9:44:54 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEPARTMENT OF THE ARMY SUPPLY

DEPARTMENT OF THE ARMY SUPPLY

Address 1: B CO 2ND BN 3RD INFANTRY REGIMENT

B CO 2ND BN 3RD INFANTRY REGIMENT

Address 2: 3RD BRIGADE 2ND INFANTRY PO Box:

3RD BRIGADE 2ND INFANTRY 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: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A010	Hard Case	1
A026	Scope	1

Repair Search

Refresh

Close

naglej

1/26/2009

11:43 AM

C-APS

NUM

INS

SCRIL

start

Inbox - Microsoft O...

FW: Request for Dis...

Ilion 19 Feb - Messa...

Microsoft Excel - RA...

Arms Services Repal...

B; Paul

Serial Number: C6594629

Model: M24 SWS



RE00158815

R & E NUMBER

158815

SERIAL NUMBER

C6594029

LOG-IN DATE

1-14-09

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	1-27-09	RTZ
505	RE-BARREL	1-29-09	RTZ
560	ASSEMBLE	1-29-09	RTZ
600	PROOF	1-29-09	RTZ
605	CHECK HEADSPACE	1-29-09	RTZ
610	DIS-ASSEMBLE GUN	1-29-09	RTZ
612	MAGNAFLUX	2/2/09	RTZ
510	DRILL AND TAP	1-29-09	RTZ
615	ROLLMARK CALIBER	2/2/09	RTZ
618	ROTO-BLAST	2/2/09	RTZ
620	APPLY COATINGS	2/5/09	RTZ
625	FINAL ASSEMBLY	2-10-09	RTZ
640	FUNCTION TEST AND	2-11-09	RTZ
650	TARGET	2-11-09	RTZ
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	2-11-09	RTZ
	A) HEADSPACE	PASS	FAIL
	B) TRIGGER PULL	2.71 2.77 2.74 2.66 2.83	2-11-09 RTZ
680	F) SAFETY ON FORCE	4.0 4.0 4.0	2-11-09 RTZ
	G) SAFETY OFF FORCE	4.0 4.0 4.0	2-11-09 RTZ
	I) FIRING PIN INDENT	.032 .032 .022	2-11-09 RTZ
690	PACK	2/18/09	RTZ

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594629.___0

FILE DATE AND TIME: 02/11/2009 09:20

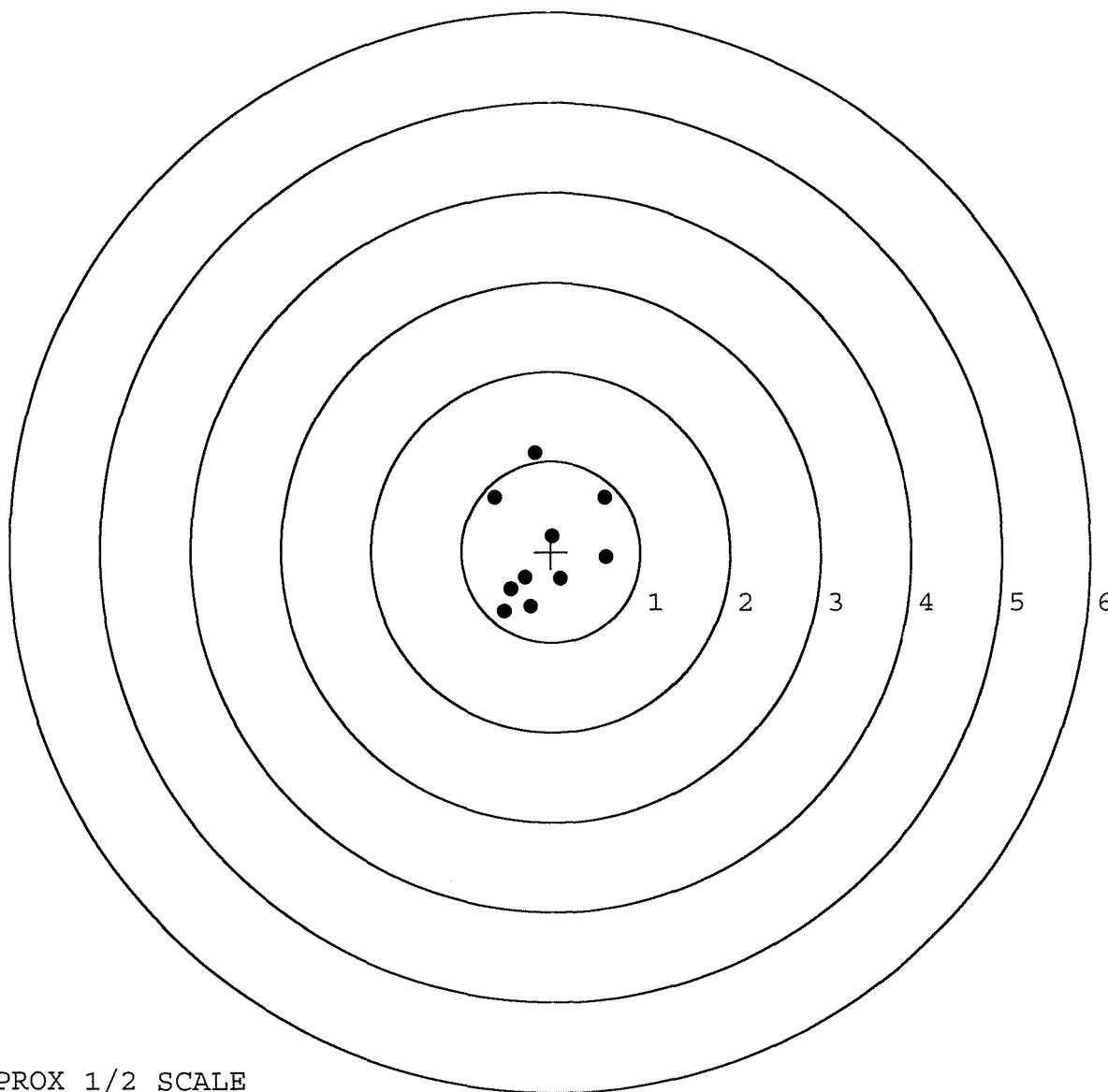
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.001
The Average Y Centroid of the Five Target Set:	0.108
The Average Point of Impact of the Five Target Set:	0.108
The Average Mean Radius of the Five Target Set:	0.656
The Distance from POA to Centroid Target #1:	0.101
The Distance from Centroid Target #2 to Centroid Target #1:	0.241
The Distance from Centroid Target #3 to Centroid Target #1:	0.229
The Distance from Centroid Target #4 to Centroid Target #1:	0.291
The Distance from Centroid Target #5 to Centroid Target #1:	0.167

SERIAL NUMBER: C6594629. __0
 TARGET NUMBER: 1
 FILE DATE: 02/11/2009
 FILE TIME: 09:20

X CENTROID: -0.100
 Y CENTROID: 0.016
 POA TO CENTROID: 0.101
 HORZ SPREAD: 1.244
 VERT SPREAD: 1.749
 GROUP SPREAD: 1.784
 MIN RADIUS: 0.201
 MAX RADIUS: 1.077
 MEAN RADIUS: 0.643
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.533	-0.659
2:	0.614	-0.057
3:	-0.180	1.090
4:	-0.630	0.602
5:	0.602	0.603
6:	0.017	0.179
7:	0.101	-0.298
8:	-0.295	-0.285
9:	-0.457	-0.408
10:	-0.240	-0.605

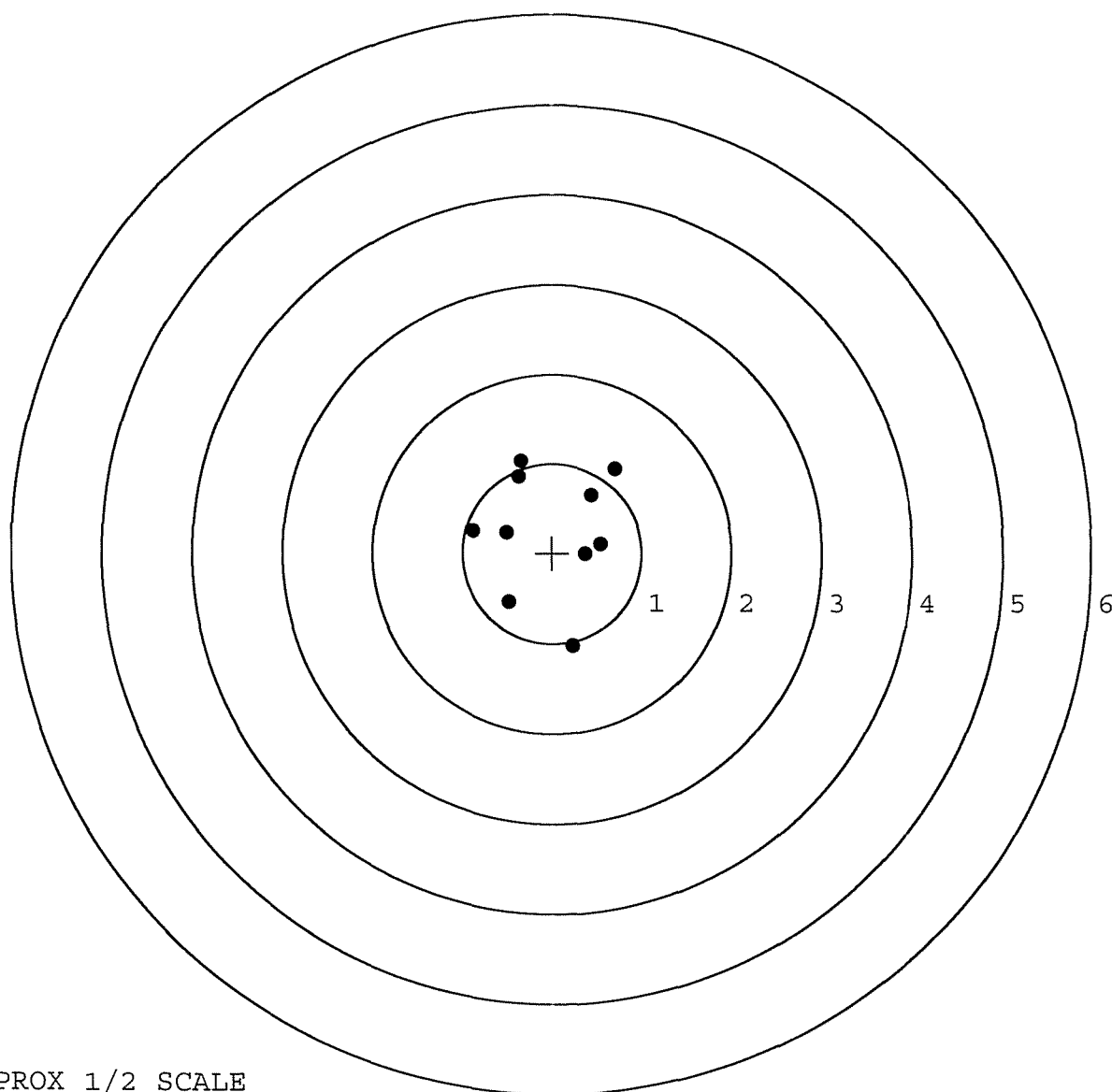


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594629. __0
 TARGET NUMBER: 2
 FILE DATE: 02/11/2009
 FILE TIME: 09:20

POINT#	X	Y
1:	0.228	-1.033
2:	0.542	0.106
3:	-0.493	-0.545
4:	-0.883	0.253
5:	-0.351	1.027
6:	-0.379	0.859
7:	-0.511	0.233
8:	0.370	-0.013
9:	0.439	0.650
10:	0.705	0.940

X CENTROID: -0.033
 Y CENTROID: 0.248
 POA TO CENTROID: 0.250
 HORZ SPREAD: 1.588
 VERT SPREAD: 2.060
 GROUP SPREAD: 2.140
 MIN RADIUS: 0.478
 MAX RADIUS: 1.307
 MEAN RADIUS: 0.780
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

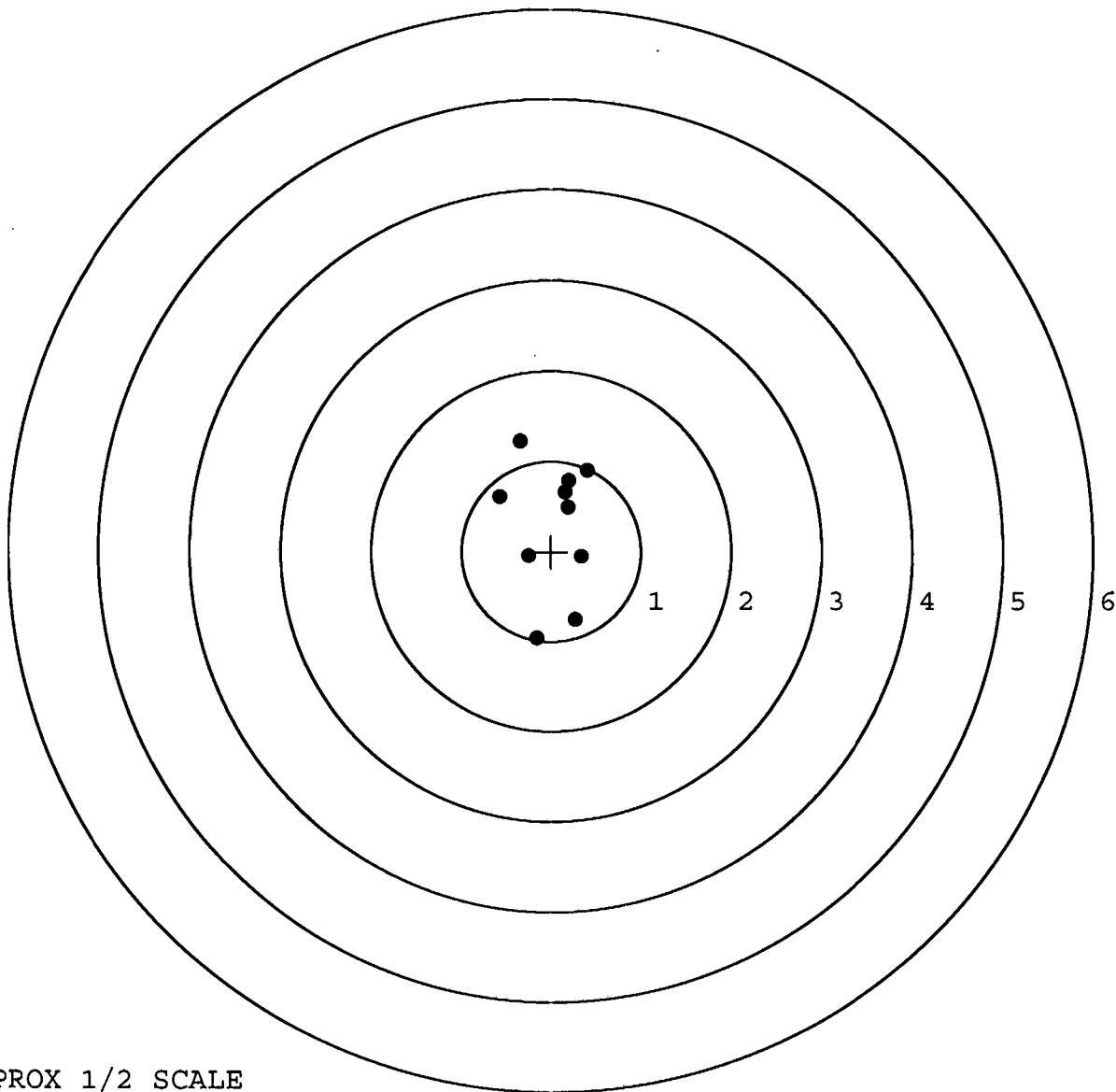


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594629.____0
 TARGET NUMBER: 4
 FILE DATE: 02/11/2009
 FILE TIME: 09:20

POINT#	X	Y
1:	-0.163	-0.970
2:	0.272	-0.765
3:	-0.574	0.601
4:	-0.353	1.219
5:	-0.258	-0.047
6:	0.337	-0.059
7:	0.405	0.894
8:	0.195	0.784
9:	0.160	0.658
10:	0.190	0.489

X CENTROID: 0.021
 Y CENTROID: 0.280
 POA TO CENTROID: 0.281
 HORZ SPREAD: 0.979
 VERT SPREAD: 2.189
 GROUP SPREAD: 2.197
 MIN RADIUS: 0.268
 MAX RADIUS: 1.264
 MEAN RADIUS: 0.685
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594629. __0

TARGET NUMBER: 5

FILE DATE: 02/11/2009

FILE TIME: 09:20

X CENTROID: 0.007

Y CENTROID: -0.111

POA TO CENTROID: 0.111

HORZ SPREAD: 1.019

VERT SPREAD: 1.851

GROUP SPREAD: 1.992

MIN RADIUS: 0.201

MAX RADIUS: 1.118

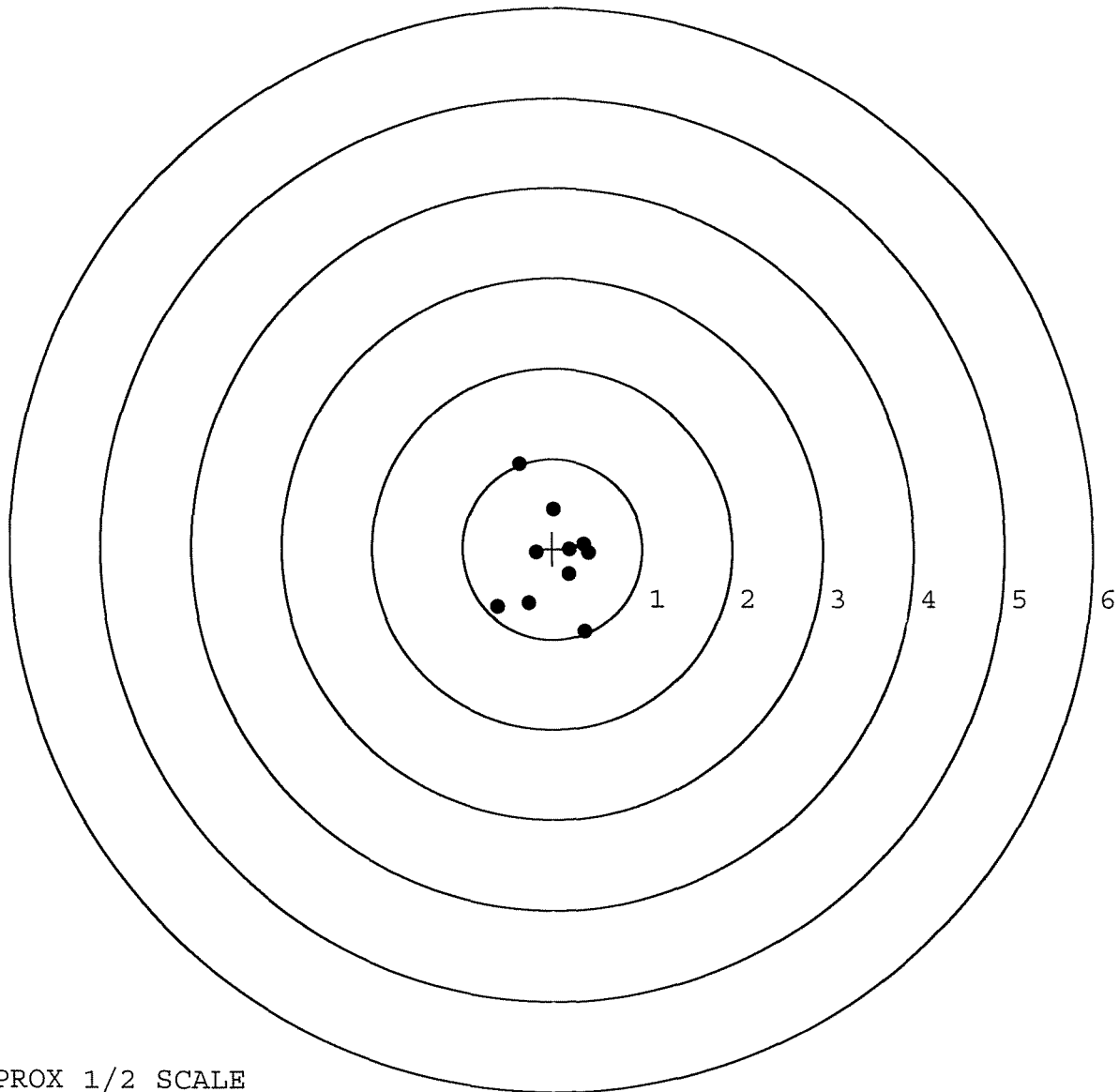
MEAN RADIUS: 0.536

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.366	-0.909
2:	-0.614	-0.644
3:	-0.369	0.942
4:	0.008	0.437
5:	-0.267	-0.605
6:	-0.182	-0.045
7:	0.405	-0.050
8:	0.349	0.052
9:	0.192	-0.010
10:	0.186	-0.280



TARGET APPROX 1/2 SCALE

Repair Inquiry

Repair Number: RE00110695

Serial: C6594629 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 4/4/2006 2:20:32 PM

Verify Repair High Priority

Address Information

Customer:

Received From

Return To:

Received From

Name: HHC 2-3 INF

HHC 2-3 INF

Address 1: ATTN SCOUTS

ATTN SCOUTS

Address 2:

PO Box:

PO Box:

City: FT LEWIS

FT 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: NA

Fax:

Email:

Comments:

Received Condition

Good

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
C000	FRT & REAR SGT BA	1

Repair Search

Refresh

Close

nagletj

4/4/2006

2:22 PM

CAPS

NUM

INS

SCRL



Serial Number: C6594629

Model: M24 SWS



RE00110695

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

R & E NUMBER		110695	
SERIAL NUMBER		C6594629	
LOG-IN DATE		4-4-06	
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIALS
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL		
B	DRILL AND TAP		
575	ASSEMBLE		
600	PROOF		
605	CHECK HEADSPACE	4-5-06	RTZ
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	4.5 4.5 4.5 4-6-06	TRW
D	SAFETY "OFF" FORCE	3.0 3.5 3.5 4-6-06	TRW
E	FIRING PIN INDENT	0.20 ⁵ 0.20 ⁵ 0.20 ⁵ 4-6-06	TRW
640	TARGET CLEAN & TEST	4-5-06	TRW
655	FINAL INSPECT	4-6-06	RTZ
660	PACK	4-7-06	RA
		SHIP DATE	
QAR INSPECTION DATE			

SECTION III - EQUIPMENT DATA

5. TYPE MNT REQ CODE	6. ID	7. NSN 1005012402136	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751		
8. MODEL M24 SWS			15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751	16. MILES/KILOMETERS/HOURS/ROUNDS	
9. NOUN SNIPER RIFLE				M	K
10a. ORG WON/DOC NO				H	R
11. SERIAL NUMBER C6594629		12. QTY 000012	13. PD	17. PROJECT CODE (if assigned)	18. ACCOUNT PROCESSING CODE
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)			19. IN WARRANTY? (enter Y or N) Y		
			20. ADMIN NO		
			21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)		
			22. LEVEL OF WORK		
			23. SIGNATURE		
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs)					

25. REMARKS

M3A SN. 900499

PREPARATION INSTRUCTIONS FOR THIS PAGE

SECTION I

Block 1a. Enter UIC of submitting organization.
 Block 1b. Enter name of submitting organization.
 Block 1c. Enter number to be called when maint. is completed.
 Block 2a. Enter UIC of supporting SAMS-2/SAMS-I/TDA if work is requested while intransit and away from your support maintenance unit.
 Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751.
 Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank.

SECTION II

Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT.

SECTION III

Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751.
 Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751.
 Block 7. Enter the NSN or stock number of the item being submitted.
 Block 8. Enter model of item being submitted.
 Block 9. Enter noun/nomenclature of item being submitted.
 Block 10a. Enter Work Order Number (WON)/DOC NO assigned when item is submitted. Otherwise, leave blank.
 Block 10b. Enter End Item Code. See AMDF.
 Block 11. Enter serial number of item being submitted.

SECTION III (Cont'd)

Block 12. Enter the quantity of items being submitted.
 Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1.
 Block 14. For DSU, GSU/AVIM, DEPOT use.
 Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751.
 Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751.
 Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting.
 Block 17. Enter the project code if one has been assigned. If not, leave blank.
 Block 18. See DA Pamphlets 738-750 and 738-751.
 Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty.
 Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted.
 Block 21. For DSU/GSU/AVIM/Depot use.
 Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act.
 Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank.
 Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint.
 Block 25. Self-explanatory.

34a. SUBMITTED BY N. Doudingmala	35a. ACCEPTED BY	35c. DATE
34b. DATE	35b. STATUS	35d. TIME

Block 34a. Enter first initial and last name of submitter.
 Block 34b. Enter ordinal date submitted (YYDDD).
 Block 35a. Enter first initial and last name of person accepting maint. request.
 Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751.
 Block 35c. Enter ordinal date accepted (YYDDD).
 Block 35d. Enter military time.

Repair Inquiry

Repair Number: **RE00098044**Serial: C6594629 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/18/1991

Repairman:

Status: Closed 6/22/2005 4:32:13 PM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received FromName: **USPFO FOR PUERTO RICO****USPFO FOR PUERTO RICO**Address 1: **BLDG 541 WHSE****BLDG 541 WHSE**Address 2: **BORINQUENEER ST**

PO Box:

BORINQUENEER ST

PO Box:

City: **FORT BUCHANAN****FORT BUCHANAN**State: **PR**Zip Code: **00934**Country: **PR**State: **PR**Zip Code: **00934**Country: **PR**

FPL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: **NA**

Fax:

Email:

Comments:

Received Condition

Fair

Condition:

Notes:

CSR:

Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A026	Scope w/case	1
A055	Deployment Kit	1
A057	Frt and Rear Sgt Base	2

Repair Search

Refresh

Close

regletj

6/22/2005

4:32 PM

CAPS

NUM

INS

SCPL

start

2

Arms Services E

Serial Number:

C6594629Model: **M24 SWS****RE00098044**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594629.___0
FILE DATE AND TIME: 08/09/2005 10:35

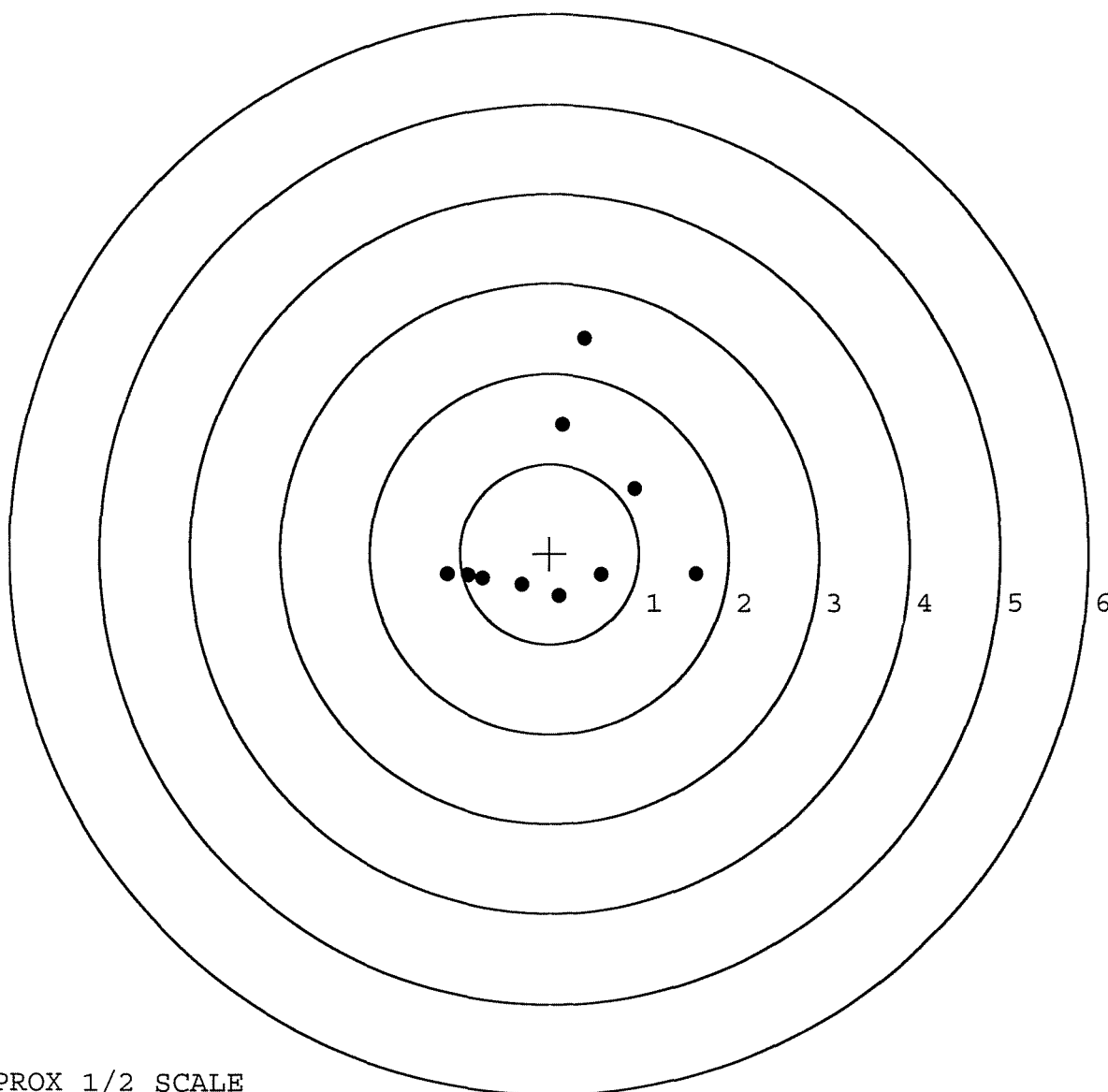
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.032
The Average Y Centroid of the Five Target Set:	0.280
The Average Point of Impact of the Five Target Set:	0.281
The Average Mean Radius of the Five Target Set:	1.016
The Distance from POA to Centroid Target #1:	0.260
The Distance from Centroid Target #2 to Centroid Target #1:	0.367
The Distance from Centroid Target #3 to Centroid Target #1:	0.131
The Distance from Centroid Target #4 to Centroid Target #1:	0.207
The Distance from Centroid Target #5 to Centroid Target #1:	0.126

SERIAL NUMBER: C6594629. __0
 TARGET NUMBER: 1
 FILE DATE: 08/09/2005
 FILE TIME: 10:35

X CENTROID: 0.070
 Y CENTROID: 0.250
 POA TO CENTROID: 0.260
 HORZ SPREAD: 2.779
 VERT SPREAD: 2.870
 GROUP SPREAD: 3.047
 MIN RADIUS: 0.701
 MAX RADIUS: 2.166
 MEAN RADIUS: 1.152
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.638	-0.230
2:	0.576	-0.235
3:	0.106	-0.478
4:	-0.317	-0.350
5:	-0.753	-0.277
6:	0.950	0.726
7:	0.153	1.435
8:	0.395	2.392
9:	-0.908	-0.243
10:	-1.141	-0.239

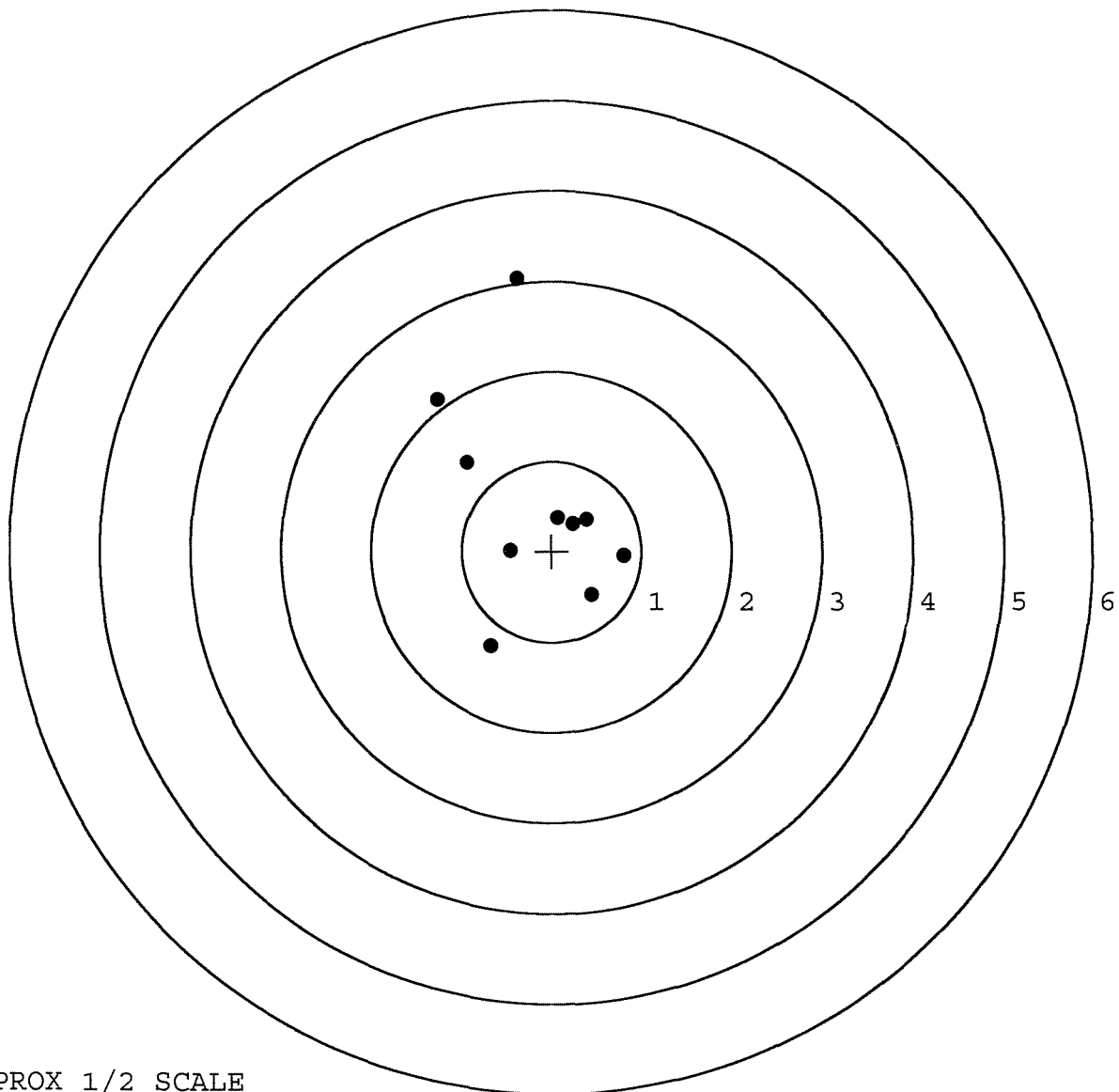


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594629. __0
 TARGET NUMBER: 2
 FILE DATE: 08/09/2005
 FILE TIME: 10:35

X CENTROID: -0.182
 Y CENTROID: 0.517
 POA TO CENTROID: 0.548
 HORZ SPREAD: 2.072
 VERT SPREAD: 4.068
 GROUP SPREAD: 4.078
 MIN RADIUS: 0.285
 MAX RADIUS: 2.520
 MEAN RADIUS: 1.088
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.802	-0.051
2:	0.441	-0.479
3:	0.392	0.360
4:	0.235	0.311
5:	0.062	0.369
6:	-0.465	0.010
7:	-0.676	-1.040
8:	-0.944	0.981
9:	-1.270	1.683
10:	-0.392	3.028



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594629. __0

TARGET NUMBER: 3

FILE DATE: 08/09/2005

FILE TIME: 10:35

X CENTROID: -0.007

Y CENTROID: 0.145

POA TO CENTROID: 0.145

HORZ SPREAD: 1.838

VERT SPREAD: 3.435

GROUP SPREAD: 3.486

MIN RADIUS: 0.300

MAX RADIUS: 2.085

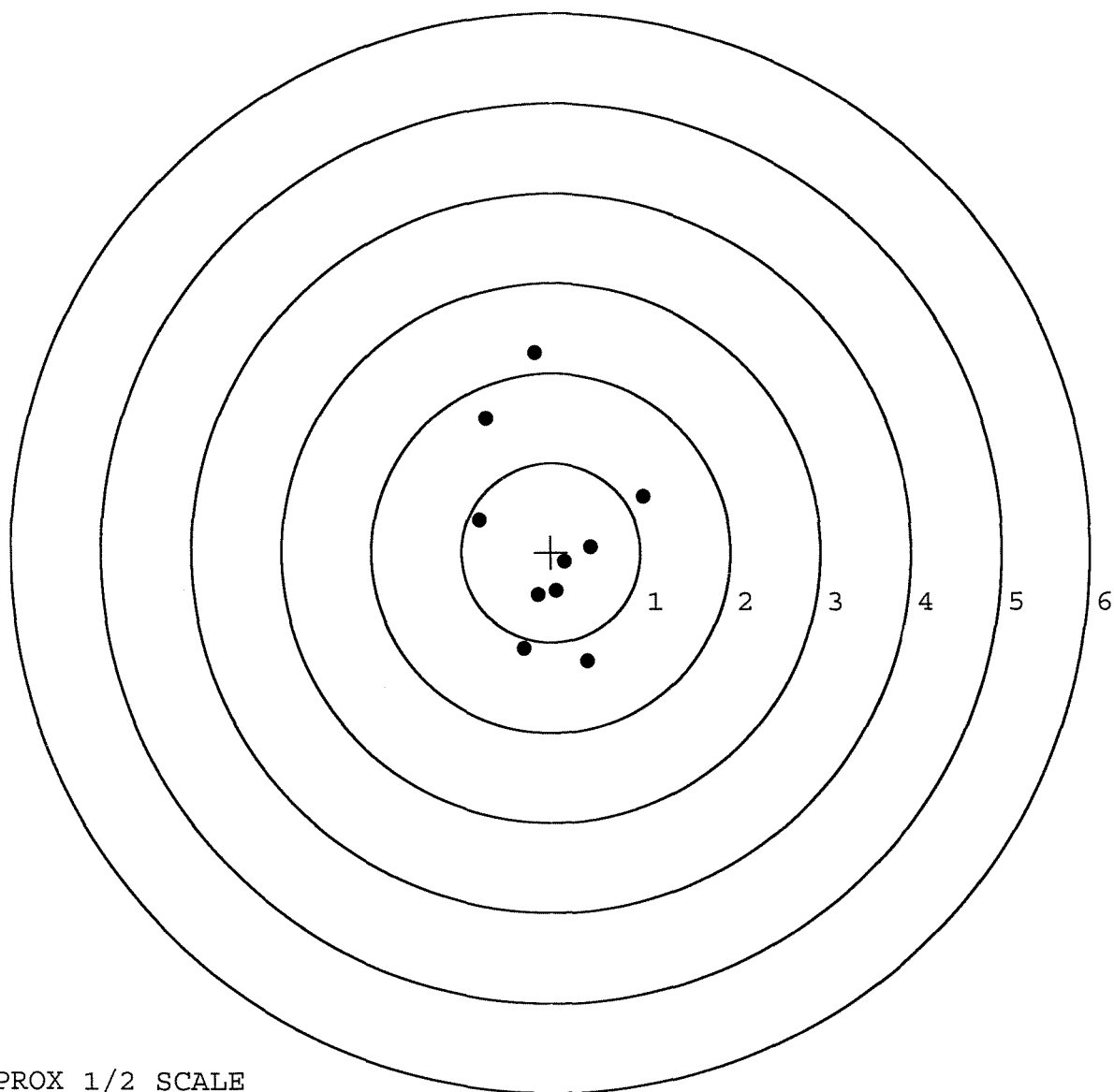
MEAN RADIUS: 1.025

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.413	-1.213
2:	-0.306	-1.079
3:	1.032	0.620
4:	-0.806	0.360
5:	0.446	0.065
6:	0.153	-0.109
7:	0.057	-0.435
8:	-0.151	-0.482
9:	-0.726	1.498
10:	-0.184	2.222

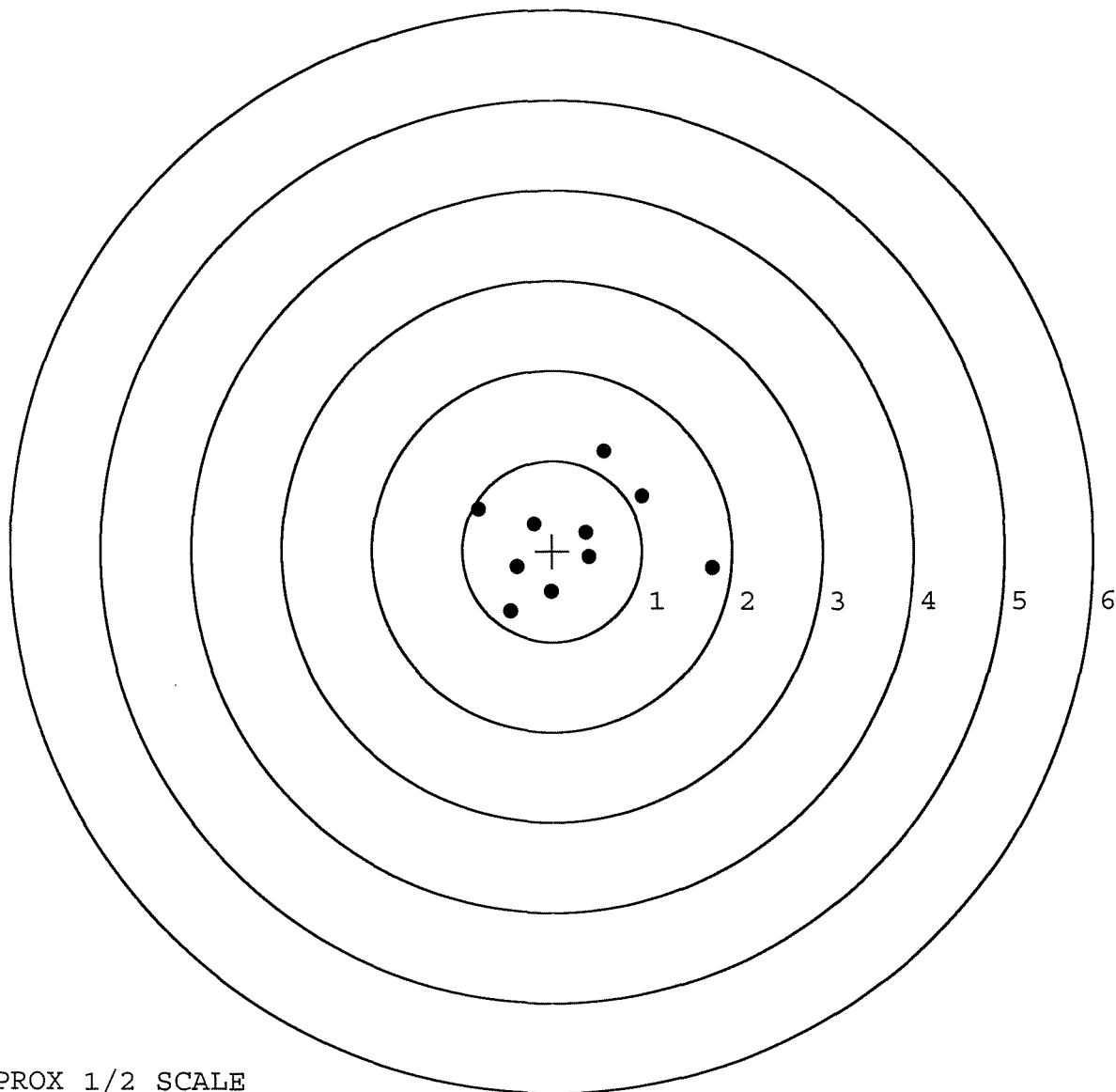


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594629. __0
 TARGET NUMBER: 4
 FILE DATE: 08/09/2005
 FILE TIME: 10:35

POINT#	X	Y
1:	1.781	-0.188
2:	0.994	0.603
3:	0.574	1.106
4:	0.377	0.206
5:	0.411	-0.070
6:	-0.020	-0.451
7:	-0.470	-0.668
8:	-0.202	0.295
9:	-0.398	-0.182
10:	-0.823	0.454

X CENTROID: 0.222
 Y CENTROID: 0.110
 POA TO CENTROID: 0.248
 HORZ SPREAD: 2.604
 VERT SPREAD: 1.774
 GROUP SPREAD: 2.682
 MIN RADIUS: 0.182
 MAX RADIUS: 1.587
 MEAN RADIUS: 0.790
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9

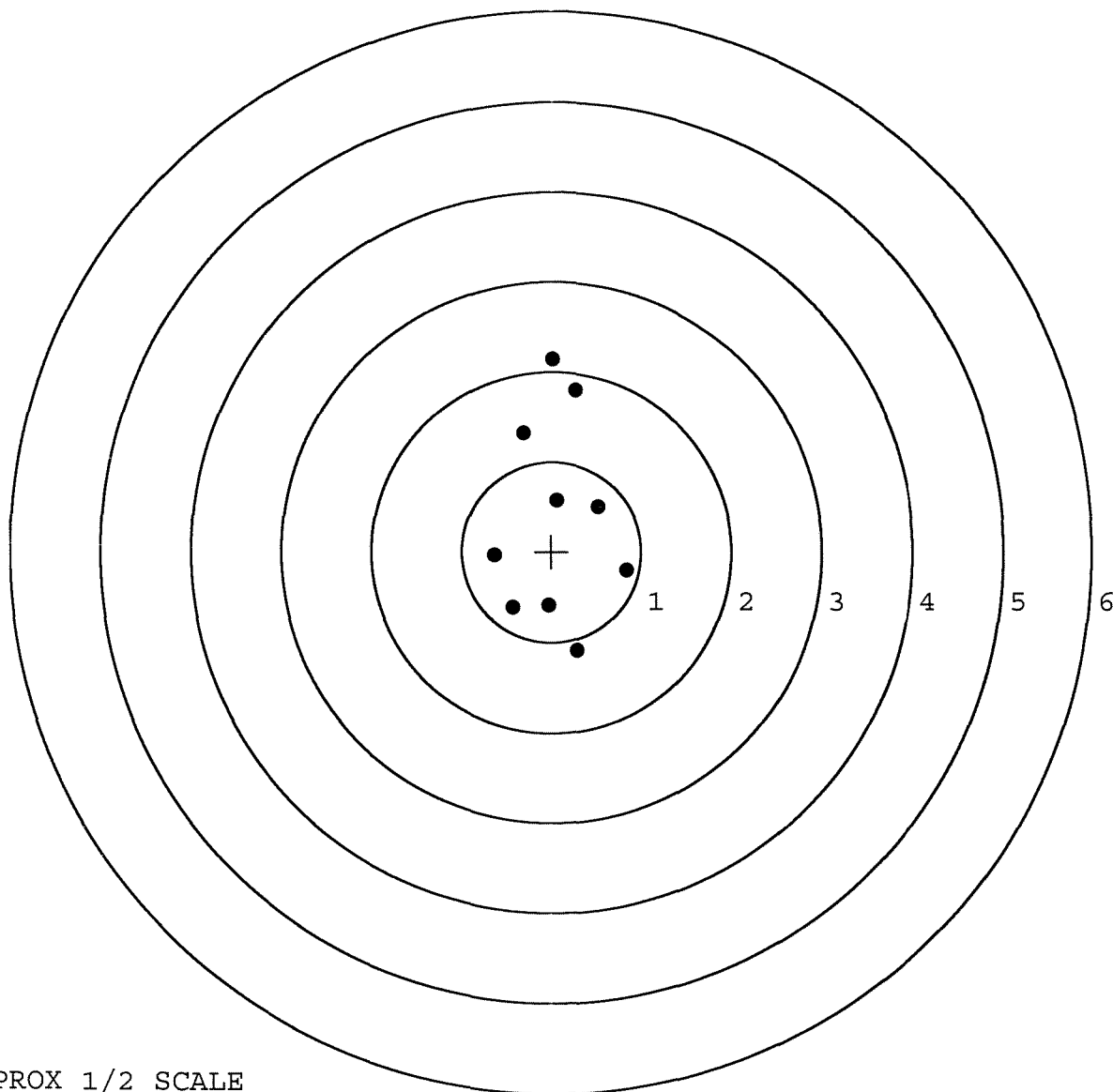


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594629. __0
 TARGET NUMBER: 5
 FILE DATE: 08/09/2005
 FILE TIME: 10:35

X CENTROID: 0.055
 Y CENTROID: 0.375
 POA TO CENTROID: 0.379
 HORZ SPREAD: 1.472
 VERT SPREAD: 3.228
 GROUP SPREAD: 3.240
 MIN RADIUS: 0.198
 MAX RADIUS: 1.760
 MEAN RADIUS: 1.025
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.293	-1.093
2:	0.837	-0.210
3:	0.518	0.503
4:	-0.034	-0.602
5:	-0.437	-0.625
6:	-0.635	-0.042
7:	0.054	0.573
8:	-0.317	1.317
9:	0.260	1.797
10:	0.010	2.135



TARGET APPROX 1/2 SCALE

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

R. & E NUMBER	98044		
SERIAL NUMBER	C6594629		
LOG-IN DATE	10-22-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-23-05	RT
560 A	RE-BARREL	10-27-05	RT
B	DRILL AND TAP	7-5-05	TRW
575	ASSEMBLE	10-27-05	RT
600	PROOF	7-5-05	RT
605	CHECK HEADSPACE	7-5-05	RT
610	DIS-ASSEMBLE GUN	7-5-05	RT
612	MAGNAFLUX RATOR <i>und</i>	7/6/05	<i>und</i>
615	ROLLMARK CALIBER	7-6-05	CW
618	ROTO-BLAST	7/7/05	JS
620	APPLY COATINGS	7-8-05	W
625 A	FINAL ASSEMBLY	8-1-05	RT
B	TRIGGER PULL TEST	8-17-05	AC
C	SAFETY "ON" FORCE	8-17-05	AC
D	SAFETY "OFF" FORCE	8-17-05	AC
E	FIRING PIN INDENT	8-17-05	AC
640	TARGET	8-9-05	TRW
655	FINAL INSPECT	8-17-05	AC
660	PACK	8-19-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

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

6-21-05

TESTER

TRLW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.85	2.71		2.55	
PULL #2	2.16	2.51		2.19	
PULL #3	2.24	2.52		2.25	
PULL #4	2.28	2.51		2.46	
PULL #5	2.30	2.48		2.53	
TOTAL	11.83	12.73		11.98	
AVERAGE	2.36	2.54		2.39	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.41		
PULL #2	3.24	3.63		
PULL #3	3.20	3.47		
PULL #4	3.22	3.31		
PULL #5	3.31	3.50		
TOTAL	16.28	17.32		
AVERAGE	3.25	3.46		

	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	4.03	4.11		4.81
PULL #2	4.21	4.02		4.35
PULL #3	4.21	4.03		4.35
PULL #4	4.28	4.07		4.18
PULL #5	4.12	4.00		4.11
TOTAL	20.85	20.23		21.80
AVERAGE	4.17	4.04		4.36

Remington[®]


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

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

MODEL 700TM M24

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

20

SERIAL NO.
C6594629

ORDER NO.
5716


5716 C6594629

UPC


0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # **C6594629**

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		12/26/90	K.S.
600	Proof		12/26/90	K.S.
607	Check Headspace		12/26/90	K.S.
610	Dis-assemble Gun		12/26/90	K.S.
612	Magnaflux Barrel Action		1-7-91	KR
	Magnaflux Bolt		1-7-91	KR
615	Rollmark Caliber		1-7-91	GLD
617	Drill and Tap Sight Holes	1	10 91	FB
618	Polish Barrel	1	10 91	WB
620	Apply Coatings (Barrel Action)		1-26-91	THA
	Apply Coating (Bolt)		1-26-91	THA
625	Final Assembly A) Clean inside of Bolt Assembly		2/4/91	Yel
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/4/91	Yel
	C) Inspect Ejector Hole for Chamfer		2/4/91	Yel
	D) Oil Firing Pin Ass'y		2/4/91	Yel
	E) Adjust Trigger Pull to Min Setting and Stake		2/7/91	Yel

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	5 ³ / ₄			2/7/91	WB
	G) Safety Off Force	2 ¹ / ₂	2 ¹ / ₂	2 ¹ / ₂			2/7/91	WB
	H) Trigger Pull Test & Retainability						2/7/91	JK
	I) Firing Pin Indent	.0205	.020	.0205			2/7/91	WB
	J) Assemble Stock						2/8/91	KA
	K) Assemble Swivel Studs						2-21-91	A
	L) Attach Front and Rear Sight Assemblies						2/8/91	KA
	M) Iron Sight Alignment						2/8/91	KA
	N) Detach Front & Rear Sights & place in numbered container						2/8/91	KA
	O) Attach Scope to Rifle						2/8/91	KA
	P) Detach & Attach Scope 20 Times						2/8/91	KA
640	Gallery Target & Test						2/8/91	KB
	A) Time						"	KA
	B) Malfunctions						"	KA
	C) Pierced Primers						"	KA
	D) Optical Clarity of Scope						"	KA
645	Inspect for Live Ammo						2/8/91	KA
655	Final Inspection							
	A) Headspace						2-21-91	A
	B) Trigger Pull	2.28	2.33	2.38	2.36	2.37	2/19/91	WB
	C) Function						2-21-91	A
660	Pack						3/14/91	WB

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C65-94629

DATE 2/7/98

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.20	2.37	2.36	2.28	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.22	2.31	2.30	2.33	
PULL #3	2.23	2.36	2.38	2.38	
PULL #4	2.26	2.36	2.25	2.36	
PULL #5	2.24	2.30	2.36	2.37	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.23		
PULL #2	3.24	3.43		
PULL #3	3.29	3.36		
PULL #4	3.13	3.34		
PULL #5	3.15	3.22		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.31		4.30
PULL #2	4.21	4.23		4.37
PULL #3	4.21	4.36		4.34
PULL #4	4.18	4.35		4.11
PULL #5	4.14	4.15		4.41
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594629
9 Feb 1991

CENTROIDAL DISTANCES

Ø TO	1	.408375
1 TO	2	.329985
1 TO	3	.495025
1 TO	4	.160552
1 TO	5	.223486

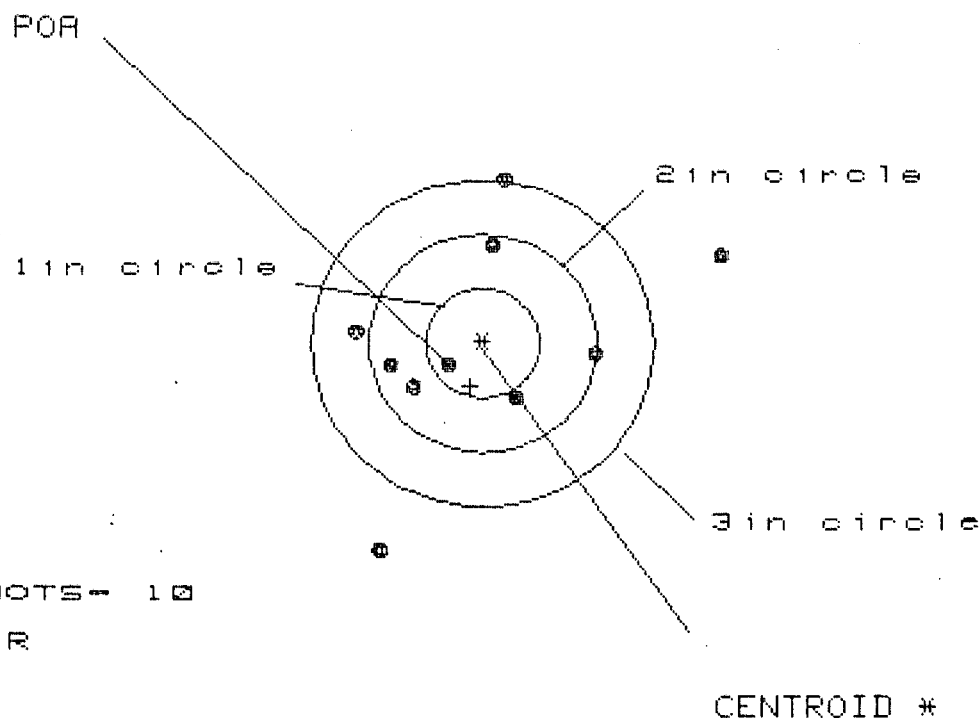
$\frac{45}{42}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .145
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1904
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .239326
THE AMP FOR THIS RIFLE IS: 1.057

9 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594629

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS = 3.243

VS = 3.329

GS = 3.995

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.114	1.254	1.173
MINIMUM X	-1.129	-.894	-.975
MAXIMUM Y	1.473	1.560	1.338
MINIMUM Y	-1.856	-1.769	-.629
CENTROID X	.111	-.124	-.043
CENTROID Y	.393	.306	.528
POA TO CENTROID in.	.409	.331	.529
MIN RADIUS	.351	.113	.345
MEAN RADIUS	1.133	.950	.862
MAX RADIUS	2.255	1.885	1.379
HORIZONTAL SPREAD	3.243	2.148	2.148
VERTICAL SPREAD	3.329	3.329	1.967
EXTREME SPREAD	3.995	3.495	2.157
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

9 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594629

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HS = 4.729

VS = 2.182

GS = 5.030

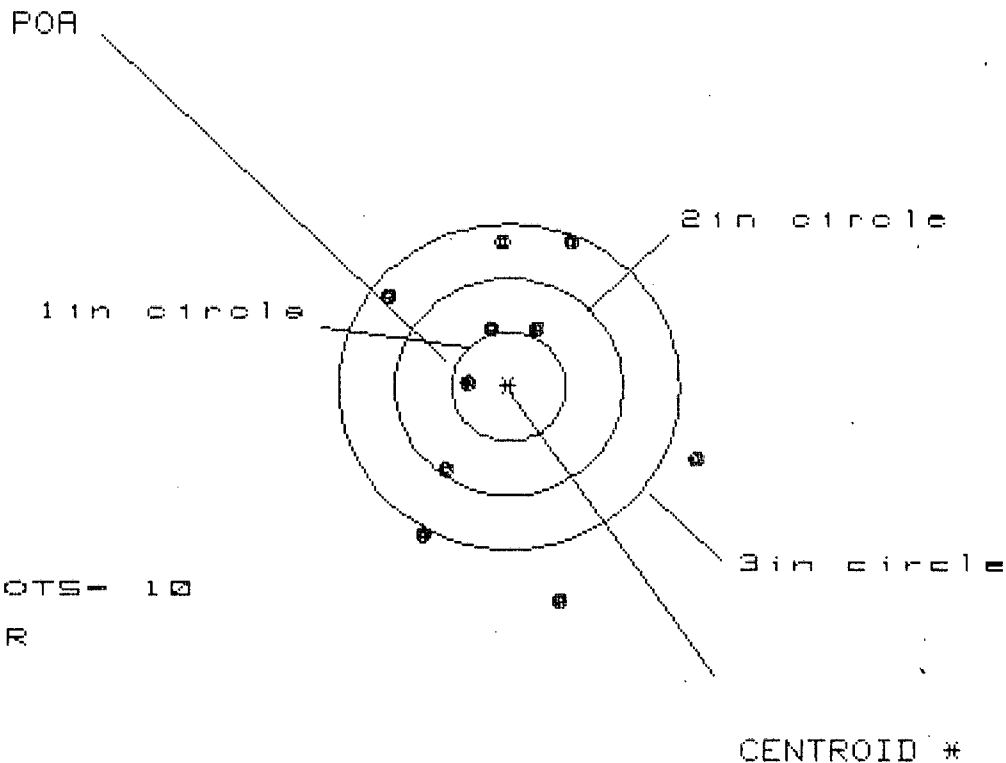
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.128	1.839	.453
MINIMUM X	:	-2.601	-.956	-.726
MAXIMUM Y	:	1.177	1.065	1.140
MINIMUM Y	:	-1.005	-1.014	-.939
CENTROID X	:	-.010	.279	.049
CENTROID Y	:	.086	.198	.123
POA TO CENTROID in.	:	.087	.342	.132
MIN RADIUS	:	.174	.242	.154
MEAN RADIUS	:	1.024	.816	.643
MAX RADIUS	:	2.788	1.934	1.191
HORIZONTAL SPREAD	:	4.729	2.795	1.179
VERTICAL SPREAD	:	2.182	2.079	2.079

EXTREME	SPREAD :	5.030	2.937	2.137
NUMBER IN ONE	INCH CIRCLE	=	2	
NUMBER IN TWO	INCH CIRCLE	=	7	
NUMBER IN THREE	INCH CIRCLE	=	8	

9 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594629

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS= 2.726

VS= 3.252

GS= 3.269

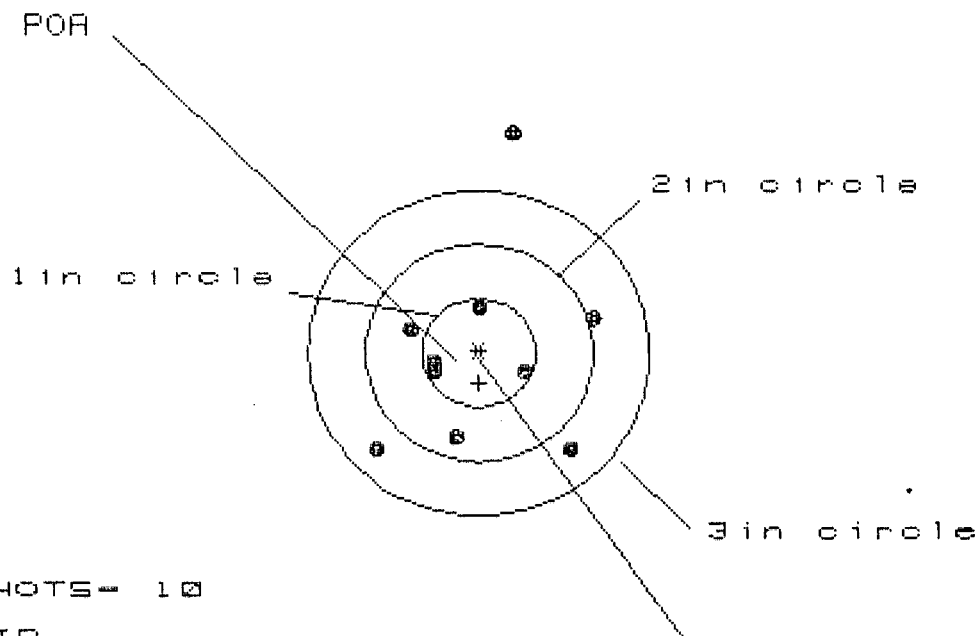
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.669	1.718	.837
MINIMUM X	:	-1.057	-1.008	-.794
MAXIMUM Y	:	1.321	1.107	.998
MINIMUM Y	:	-1.931	-1.551	-1.660
CENTROID X	:	.358	.309	.095
CENTROID Y	:	-.036	.178	.287
POA TO CENTROID in.	:	.360	.357	.302
MIN RADIUS	:	.385	.365	.284
MEAN RADIUS	:	1.194	1.052	.904
MAX RADIUS	:	1.980	1.925	1.723
HORIZONTAL SPREAD	:	2.726	2.726	1.631
VERTICAL SPREAD	:	3.252	2.658	2.658
EXTREME SPREAD	:	3.269	3.101	2.959
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

9 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8594829

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 6

3 in = 9

HS= 1.859

VS= 2.896

GS= 3.094

CENTROID *

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.996	1.029	.925
MINIMUM X	:	-.863	-.830	-.719
MAXIMUM Y	:	2.028	.623	.546
MINIMUM Y	:	-.868	-.643	-.720
CENTROID X	:	-.000	-.033	.071
CENTROID Y	:	.277	.052	.129
POA TO CENTROID in.	:	.277	.062	.147
MIN RADIUS	:	.398	.388	.368
MEAN RADIUS	:	.867	.712	.673
MAX RADIUS	:	2.049	1.147	1.020
HORIZONTAL SPREAD	:	1.859	1.859	1.644
VERTICAL SPREAD	:	2.896	1.266	1.266
EXTREME SPREAD	:	3.094	2.172	1.805
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

9
4
(

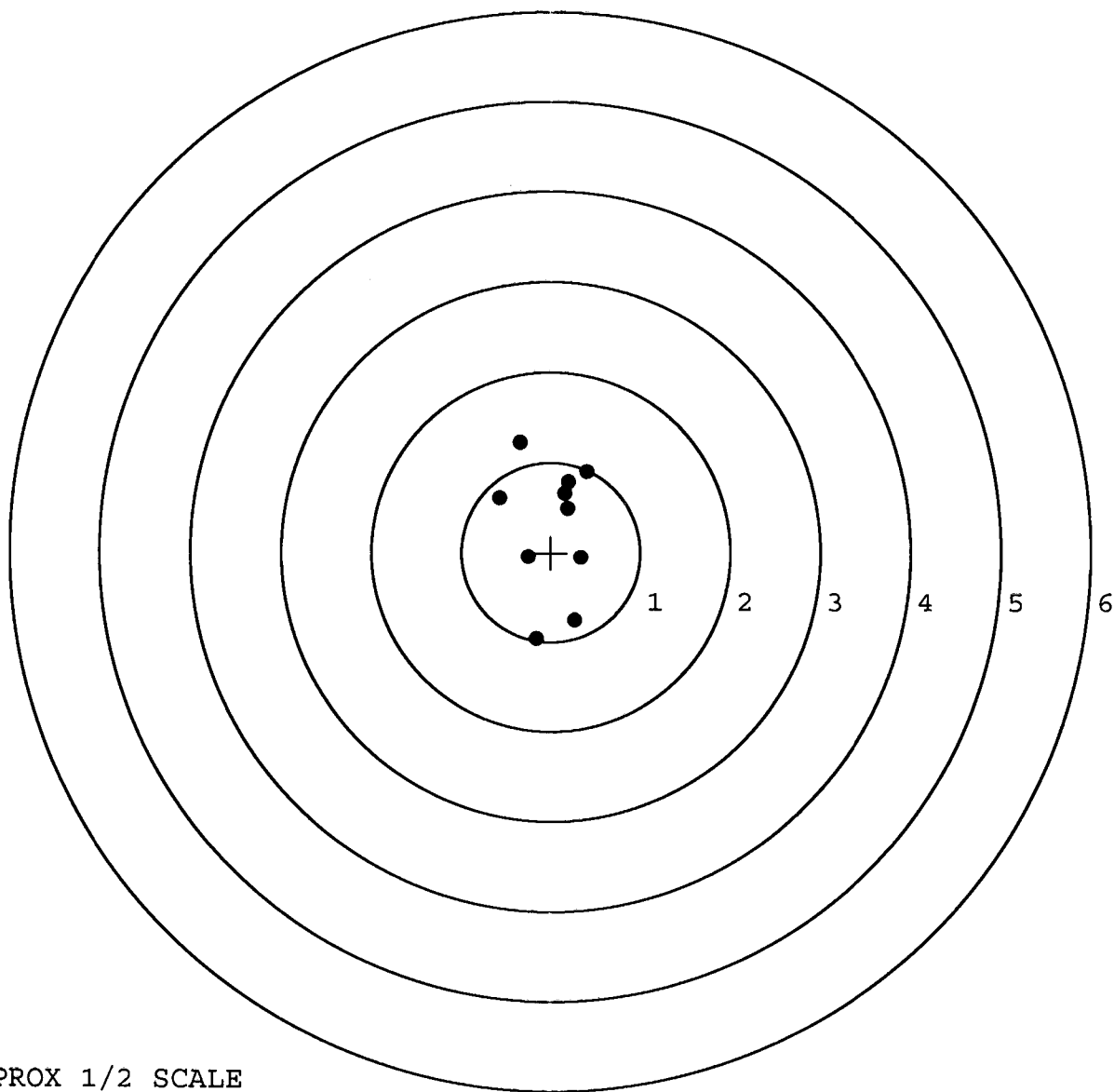
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NUMBER IN TWO INCH CIRCLE
NUMBER IN THREE INCH CIRCLE

SERIAL NUMBER: C6594629. 0
 TARGET NUMBER: 4
 FILE DATE: 02/11/2009
 FILE TIME: 09:20

X CENTROID: 0.021
 Y CENTROID: 0.280
 POA TO CENTROID: 0.281
 HORZ SPREAD: 0.979
 VERT SPREAD: 2.189
 GROUP SPREAD: 2.197
 MIN RADIUS: 0.268
 MAX RADIUS: 1.264
 MEAN RADIUS: 0.685
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.163	-0.970
2:	0.272	-0.765
3:	-0.574	0.601
4:	-0.353	1.219
5:	-0.258	-0.047
6:	0.337	-0.059
7:	0.405	0.894
8:	0.195	0.784
9:	0.160	0.658
10:	0.190	0.489



TARGET APPROX 1/2 SCALE